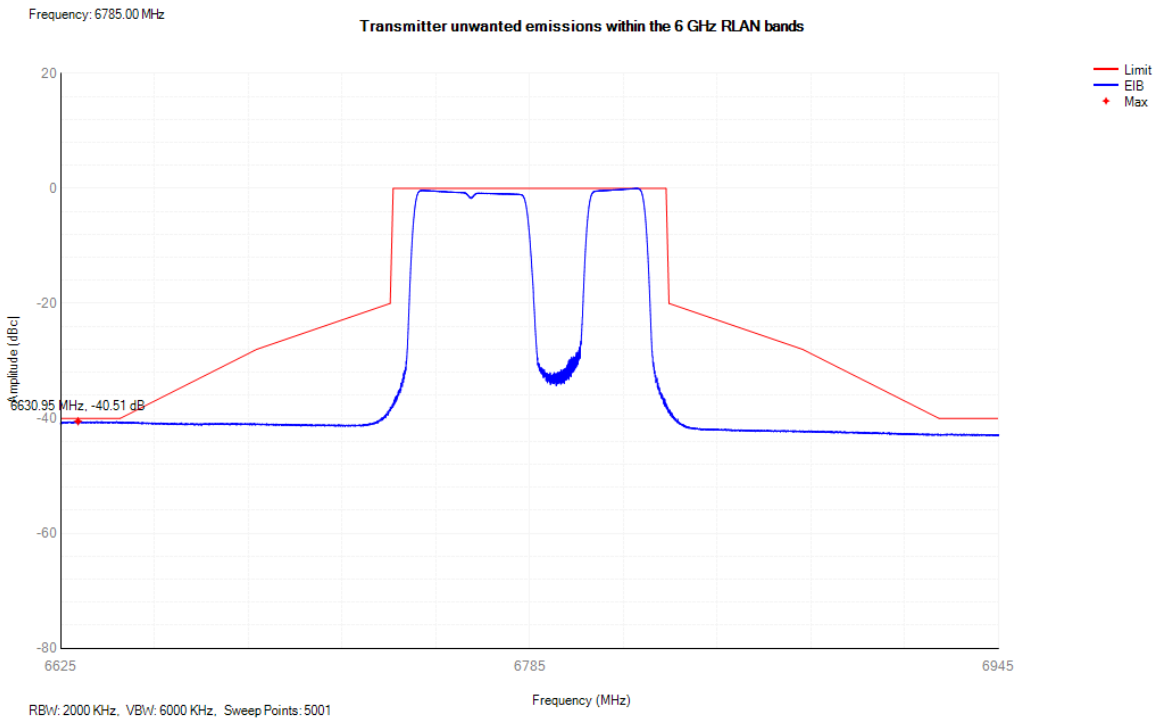
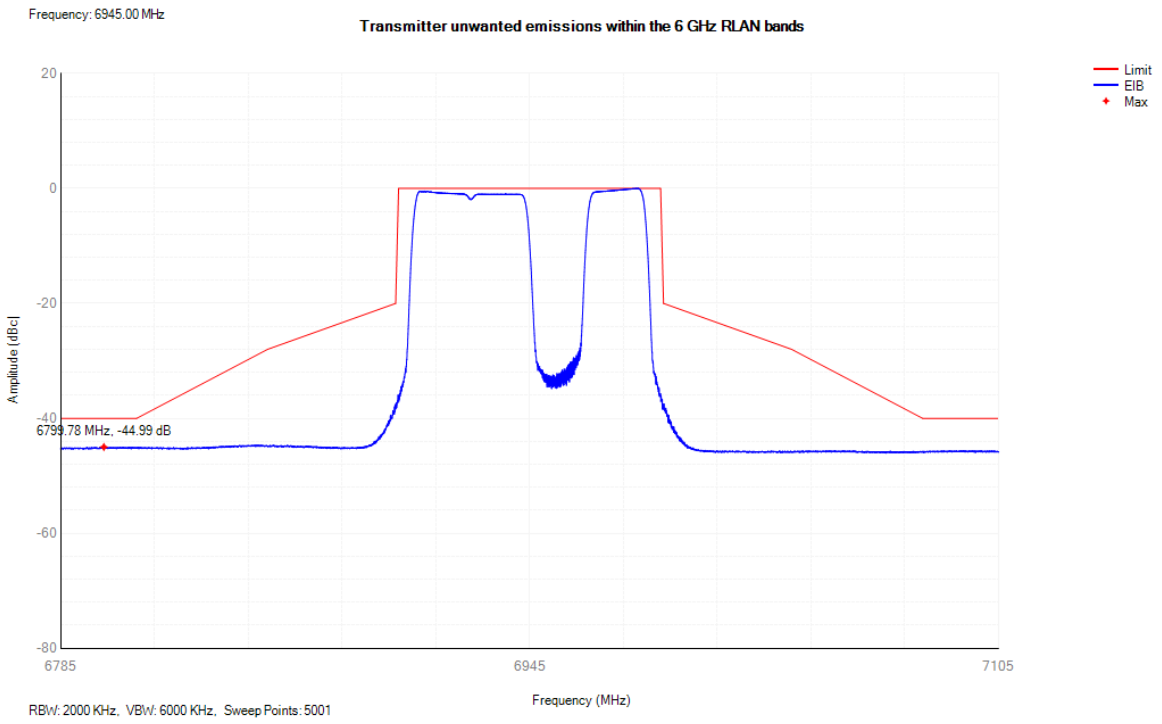
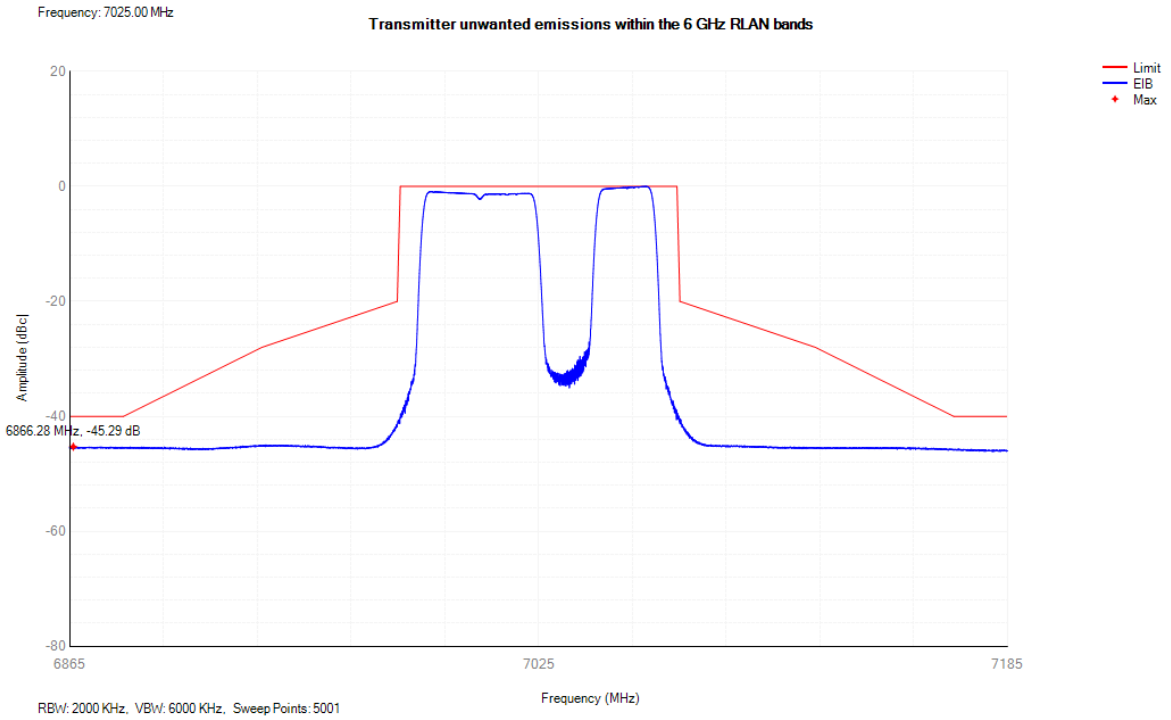
Power spectral mask NVNT be80_Puncturing 20M@3 6785MHz SISO



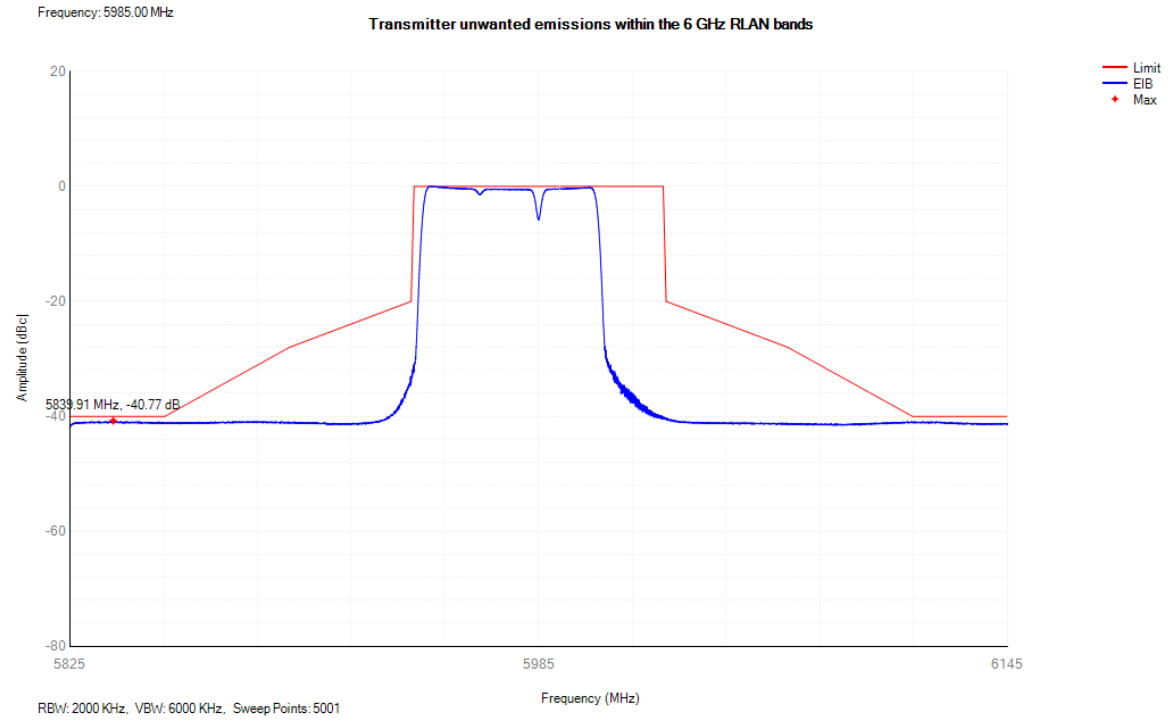
Power spectral mask NVNT be80_Puncturing 20M@3 6945MHz SISO



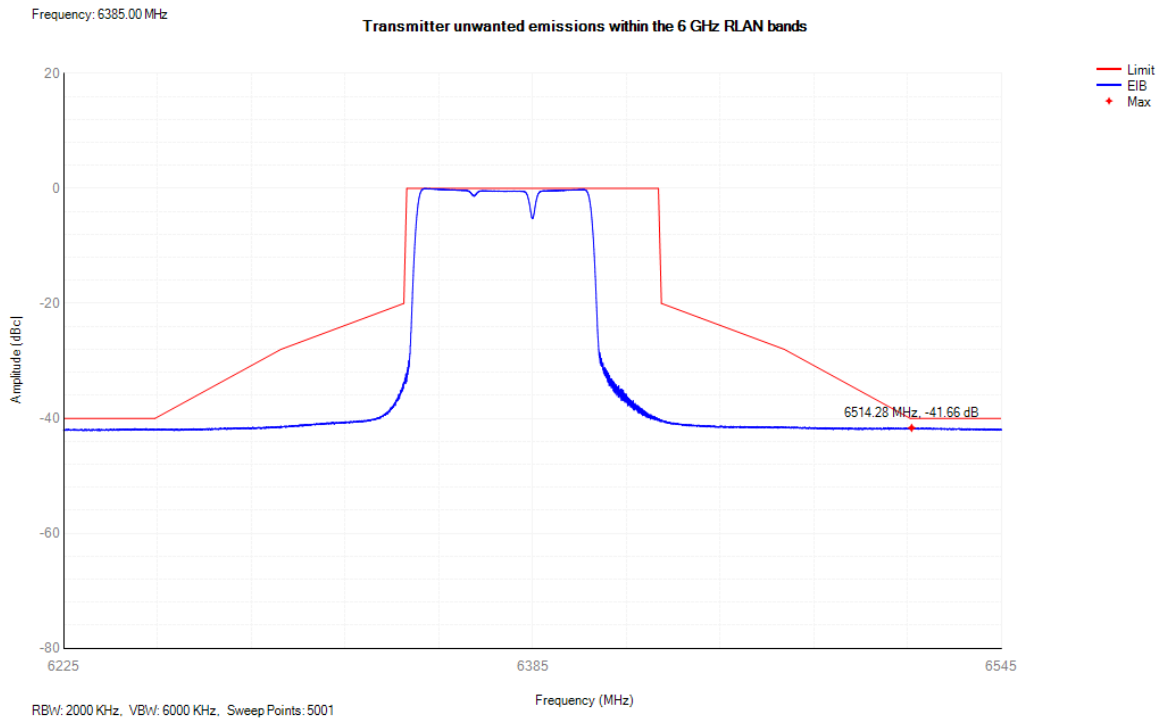
Power spectral mask NVNT be80_Puncturing 20M@3 7025MHz SISO



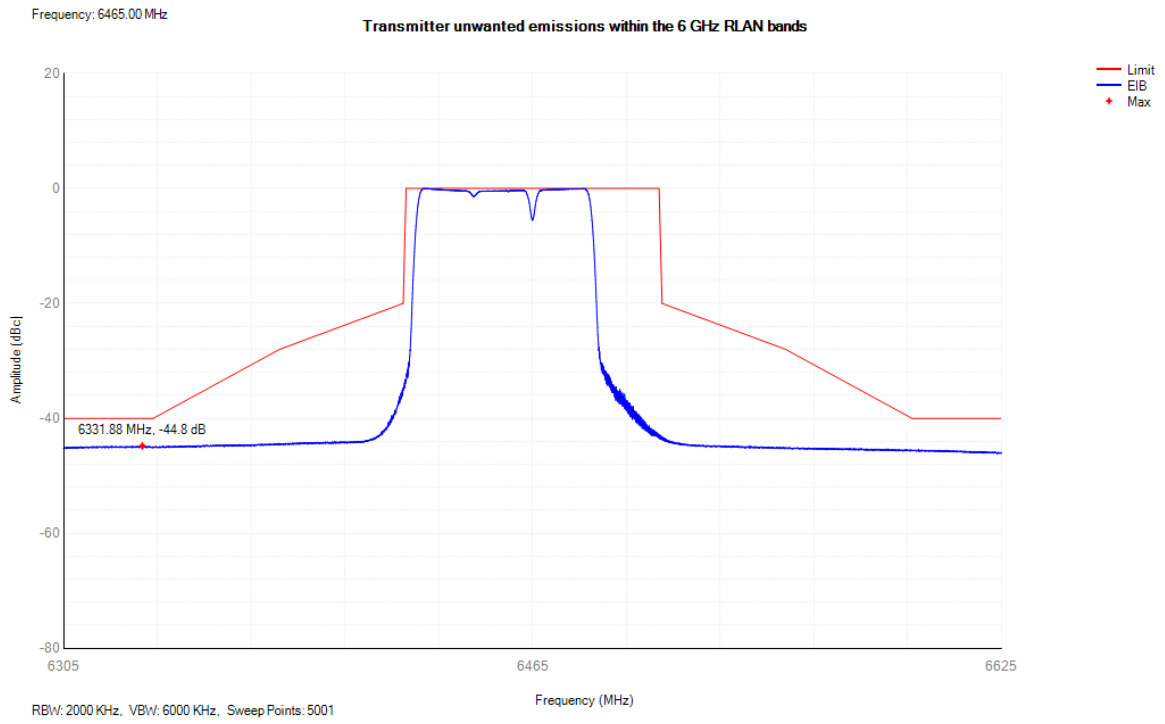
Power spectral mask NVNT be80_Puncturing 20M@4 5985MHz SISO



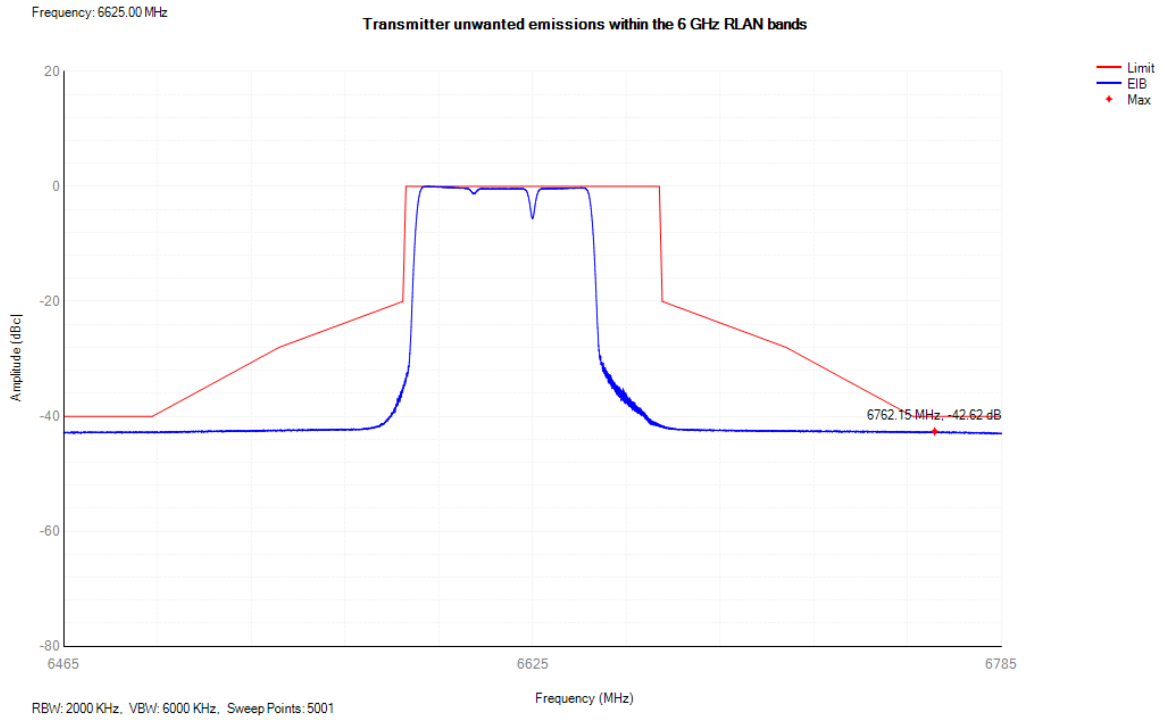
Power spectral mask NVNT be80_Puncturing 20M@4 6385MHz SISO



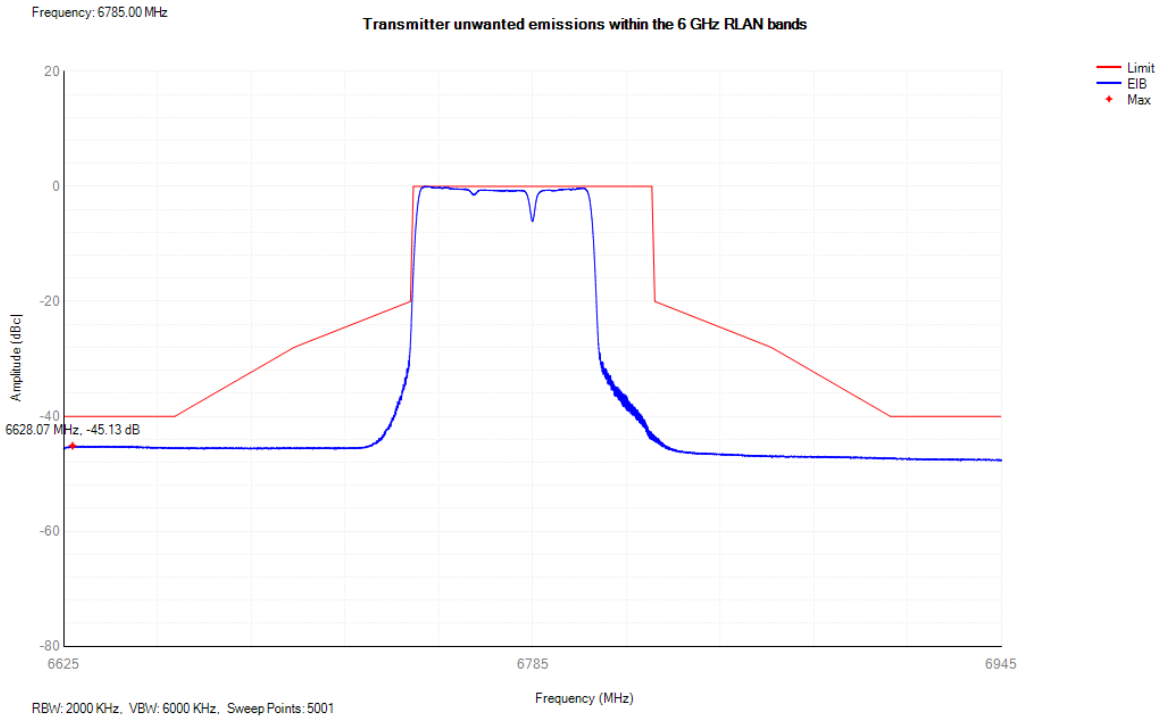
Power spectral mask NVNT be80_Puncturing 20M@4 6465MHz SISO



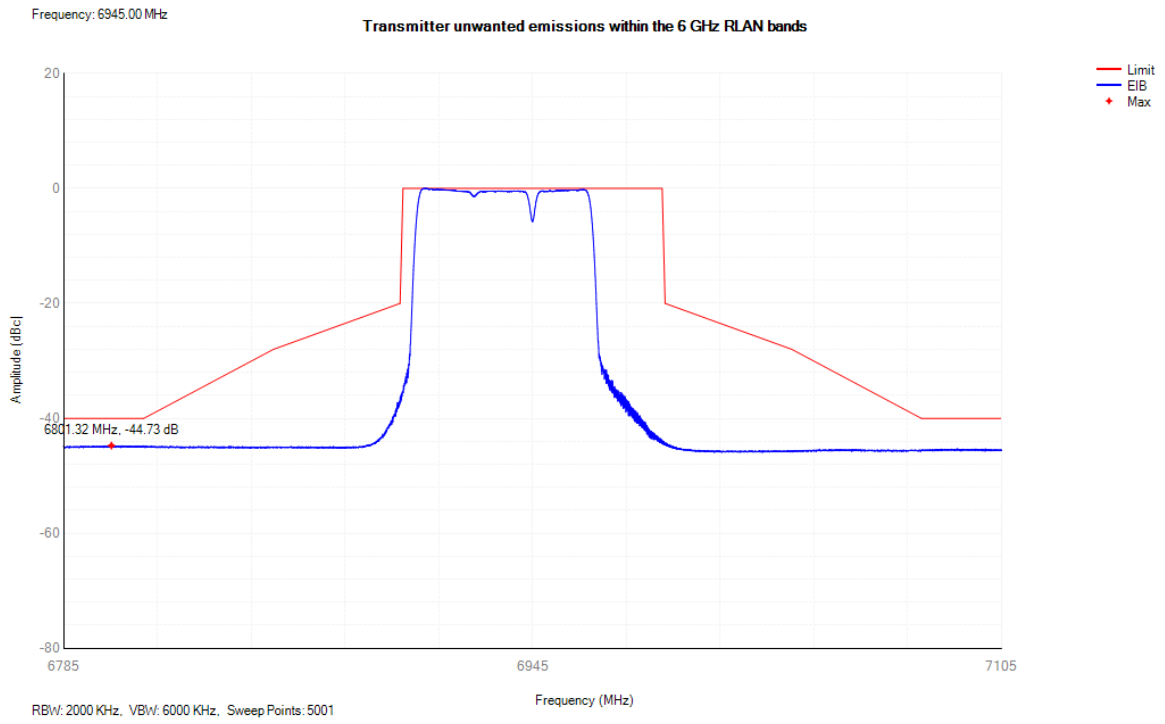
Power spectral mask NVNT be80_Puncturing 20M@4 6625MHz SISO



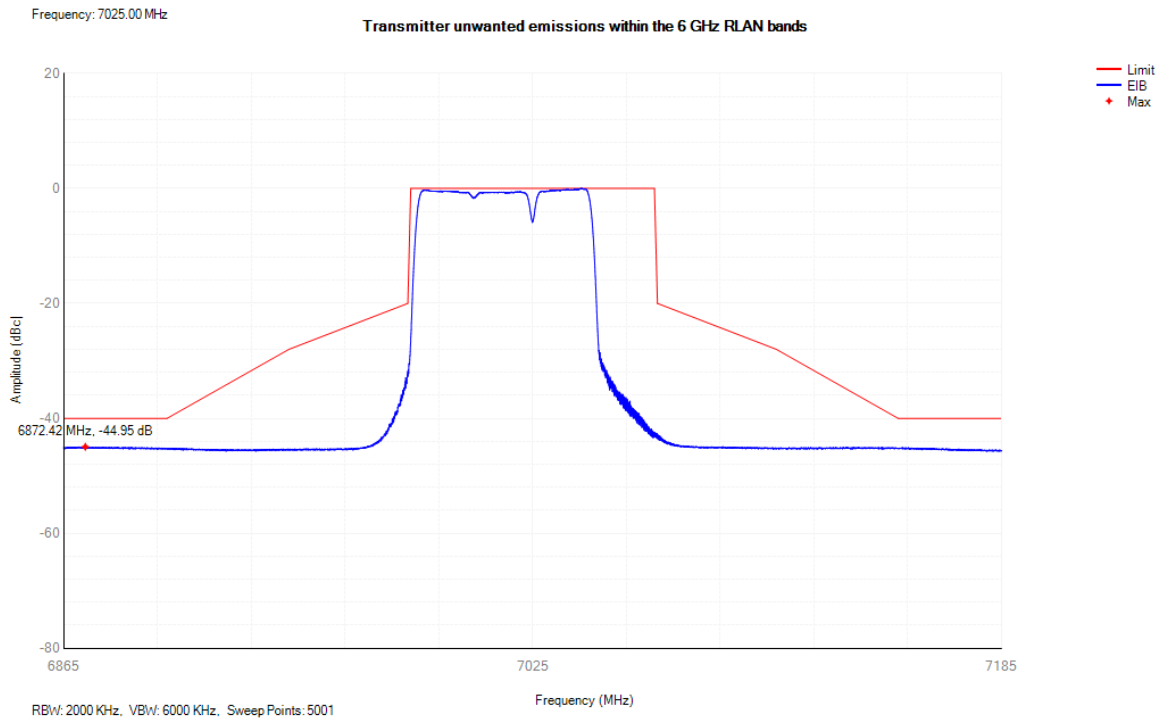
Power spectral mask NVNT be80_Puncturing 20M@4 6785MHz SISO



Power spectral mask NVNT be80_Puncturing 20M@4 6945MHz SISO



Power spectral mask NVNT be80_Puncturing 20M@4 7025MHz SISO



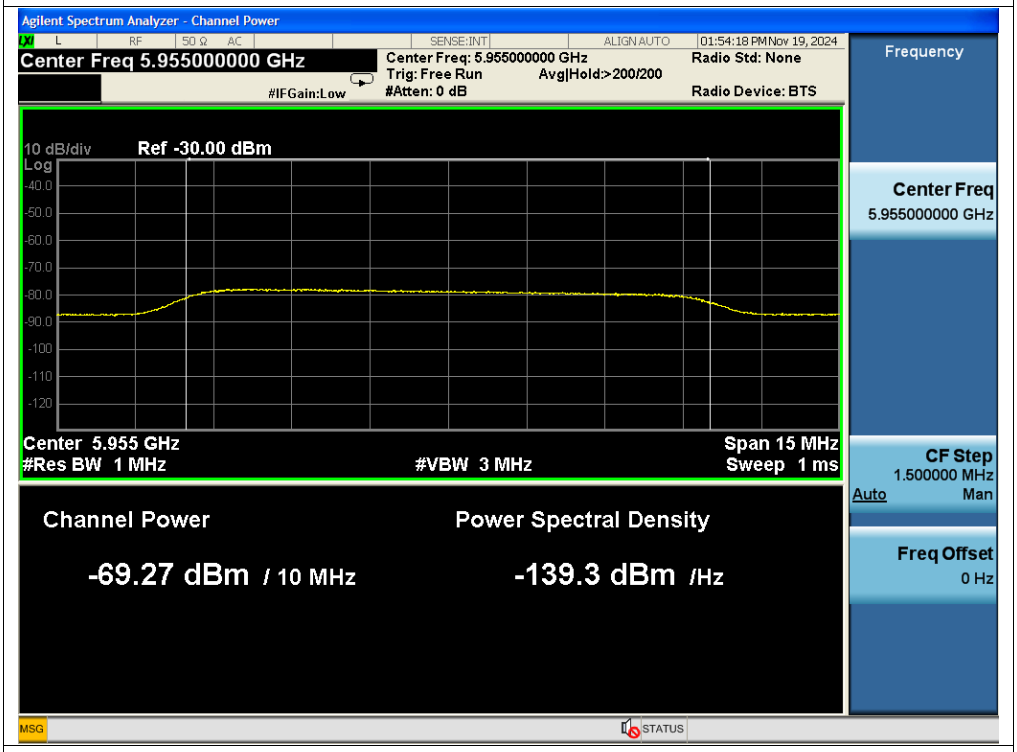
A.6. Contention Based Protocol

c. Contention Based Protocol Calibration

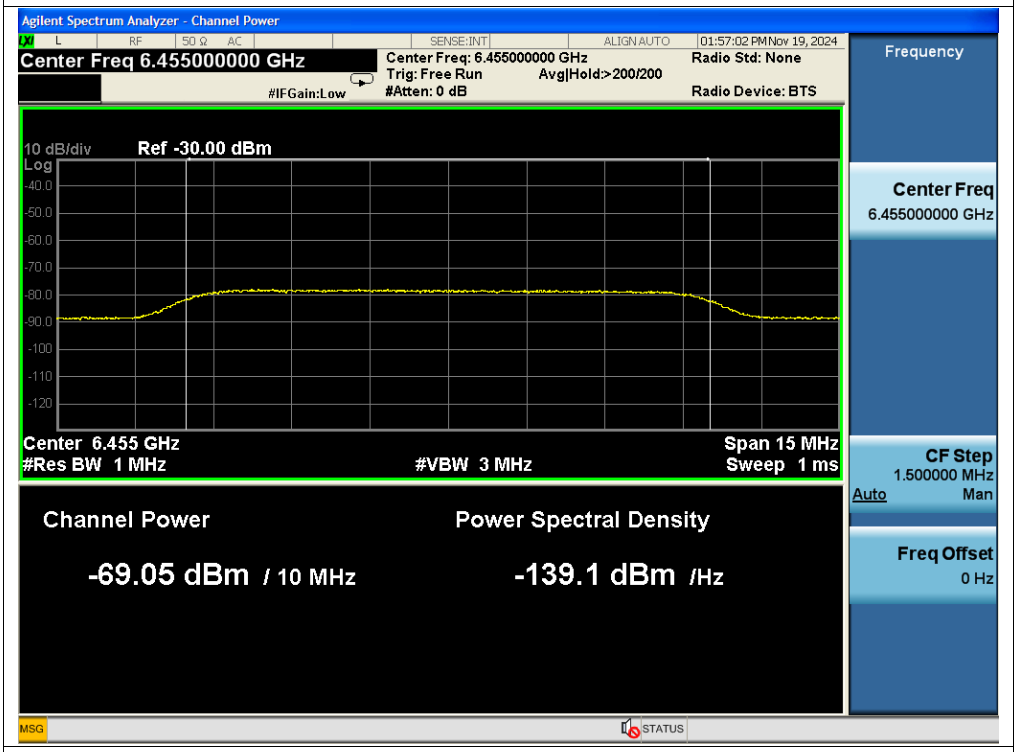
Mode	Freq. (MHz)	Ant.	AWGN Location	AWGN Freq. (MHz)	Injected Power (dBm)	Gain (dBi)	Path Loss (dB)	Adjusted Power (dBm)	Detection minimum (dBm)	Normal operation (dBm)	Limit (dBm)
be20	5955	Ant12	Center	5955	-69.27	-5	2	-62.27	-70	-71	-62
be20	6455	Ant12	Center	6455	-69.05	-5	2	-62.05	-69	-70	-62
be20	6695	Ant12	Center	6695	-69.31	-5	2	-62.31	-69	-70	-62
be20	6935	Ant12	Center	6935	-69.51	-5	2	-62.51	-70	-71	-62
be320	6105	Ant12	Low	5950	-69.25	-5	2	-62.25	-67	-68	-62
be320	6105	Ant12	Center	6105	-69.36	-5	2	-62.36	-67	-68	-62
be320	6105	Ant12	High	6260	-69.46	-5	2	-62.46	-68	-69	-62
be320	6745	Ant12	Low	6590	-69.44	-5	2	-62.44	-67	-68	-62
be320	6745	Ant12	Center	6745	-69.21	-5	2	-62.21	-67	-68	-62
be320	6745	Ant12	High	6900	-69.64	-5	2	-62.64	-67	-68	-62
be320	6905	Ant12	Low	6750	-69.49	-5	2	-62.49	-66	-67	-62
be320	6905	Ant12	Center	6905	-69.26	-5	2	-62.26	-66	-67	-62
be320	6905	Ant12	High	7060	-69.24	-5	2	-62.24	-66	-67	-62

Test Graphs

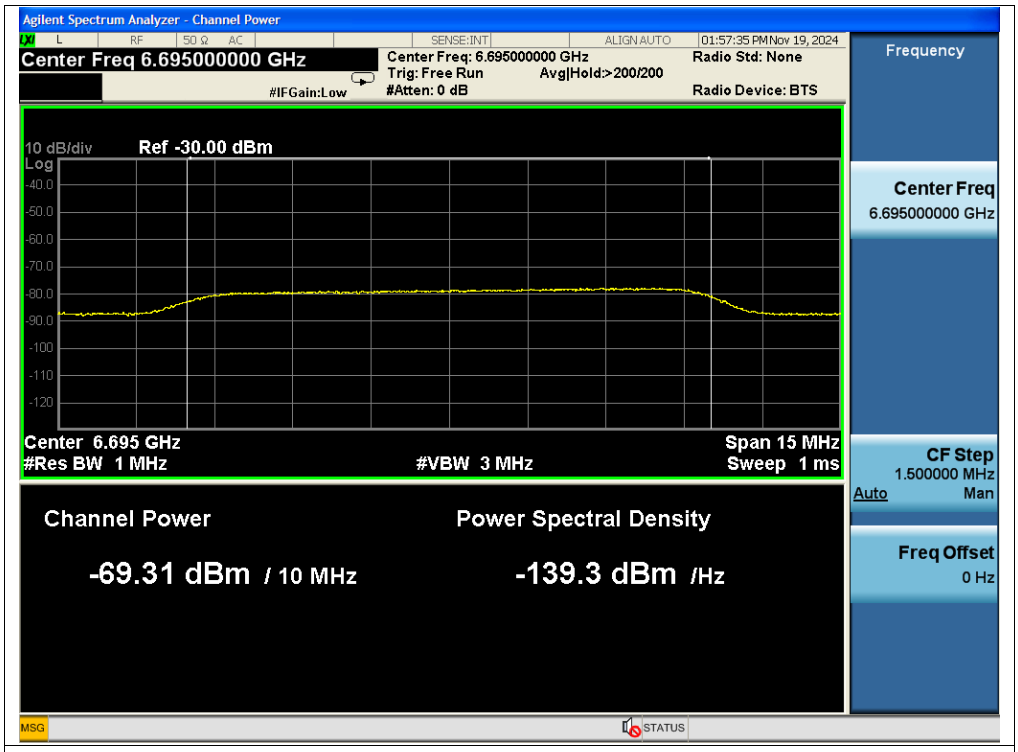
Contention Based Protocol Calibration NVNT be20 5955MHz Interfere 5955 MHz



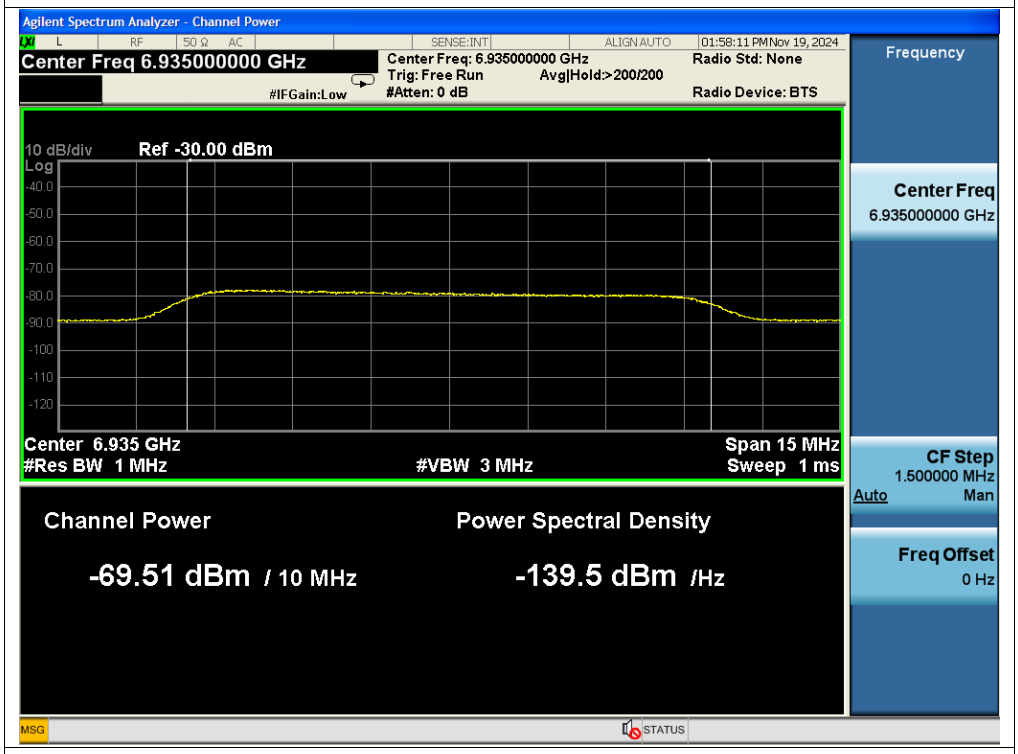
Contention Based Protocol Calibration NVNT be20 6455MHz Interfere 6455 MHz



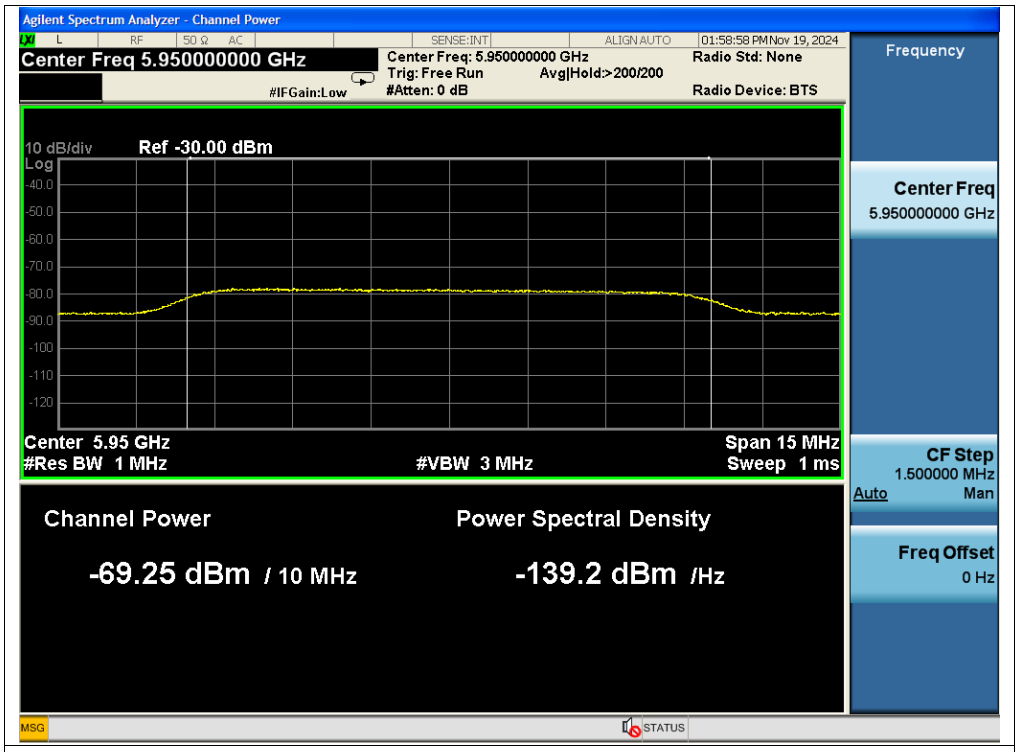
Contention Based Protocol Calibration NVNT be20 6695MHz Interfere 6695 MHz



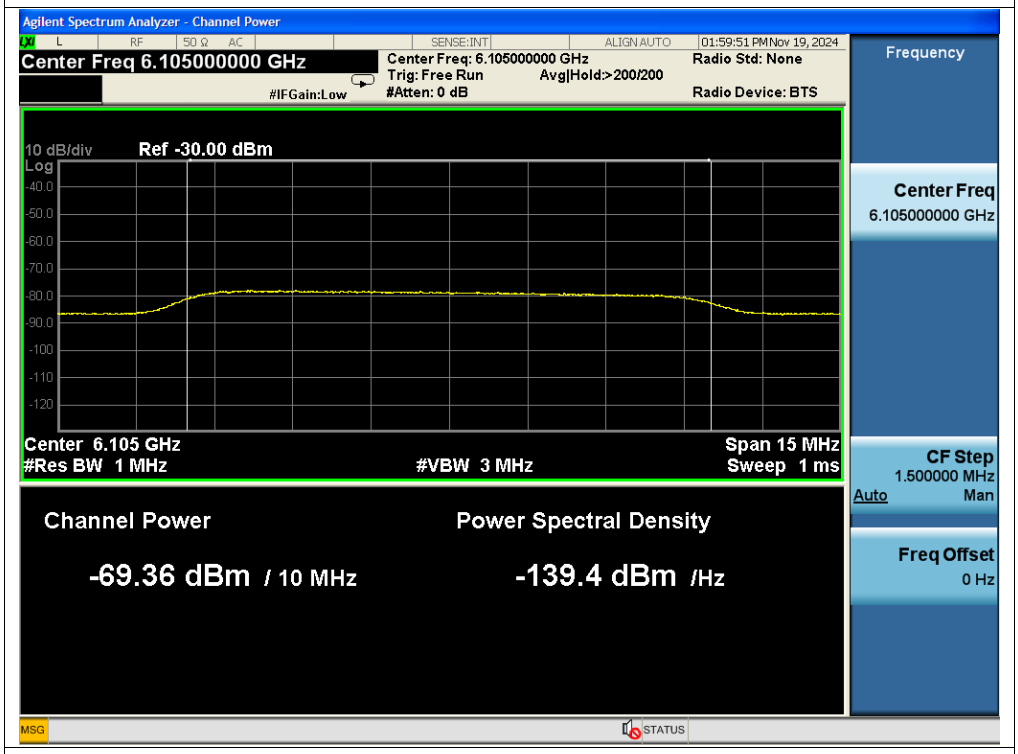
Contention Based Protocol Calibration NVNT be20 6935MHz Interfere 6935 MHz



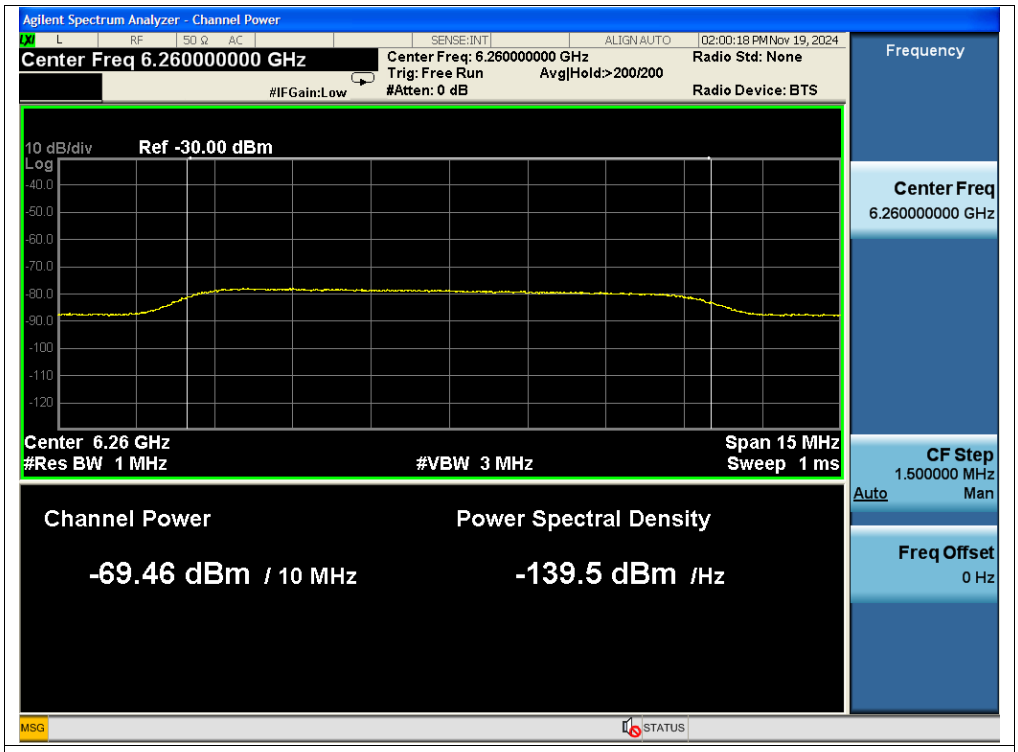
Contention Based Protocol Calibration NVNT be320 6105MHz Interfere 5950 MHz



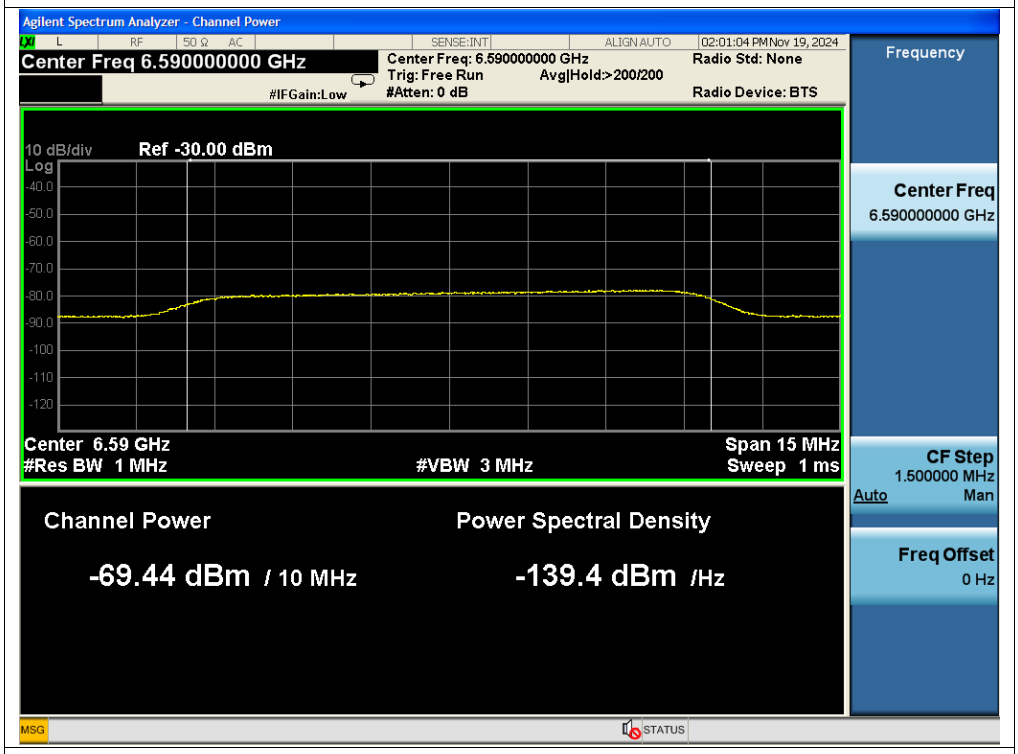
Contention Based Protocol Calibration NVNT be320 6105MHz Interfere 6105 MHz



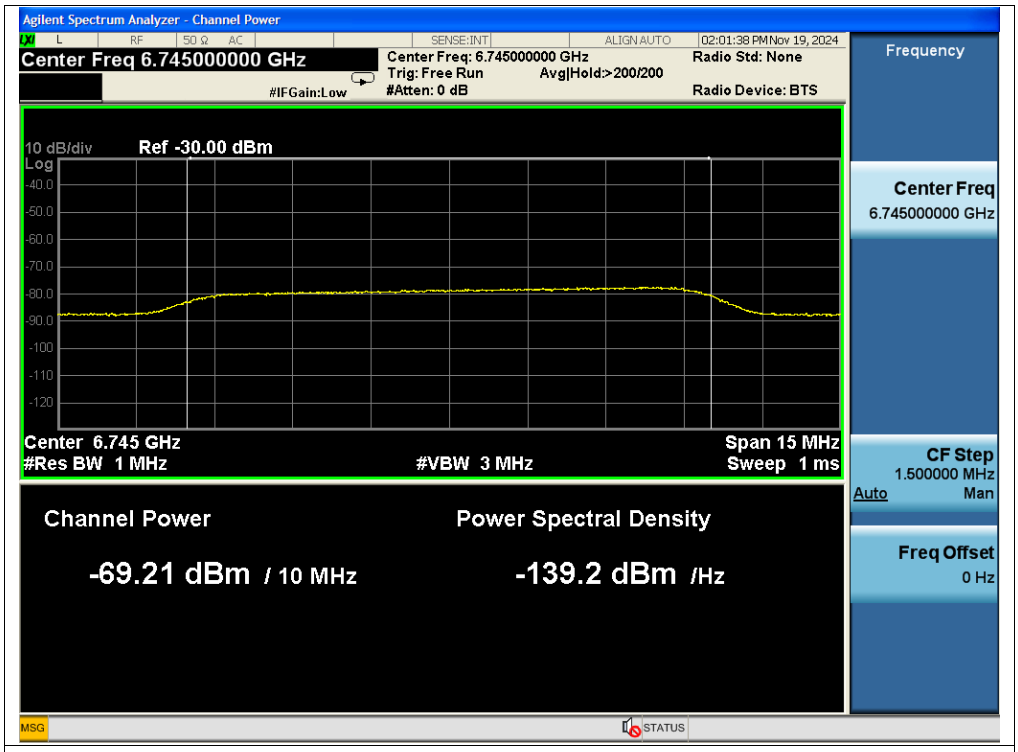
Contention Based Protocol Calibration NVNT be320 6105MHz Interfere 6260 MHz



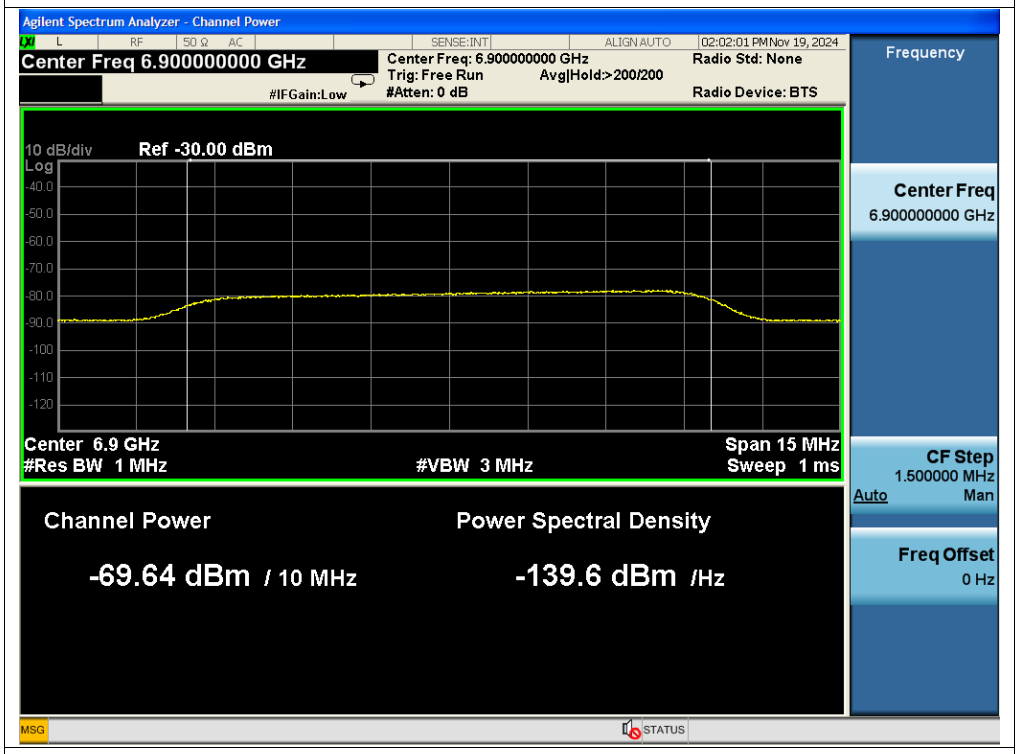
Contention Based Protocol Calibration NVNT be320 6745MHz Interfere 6590 MHz



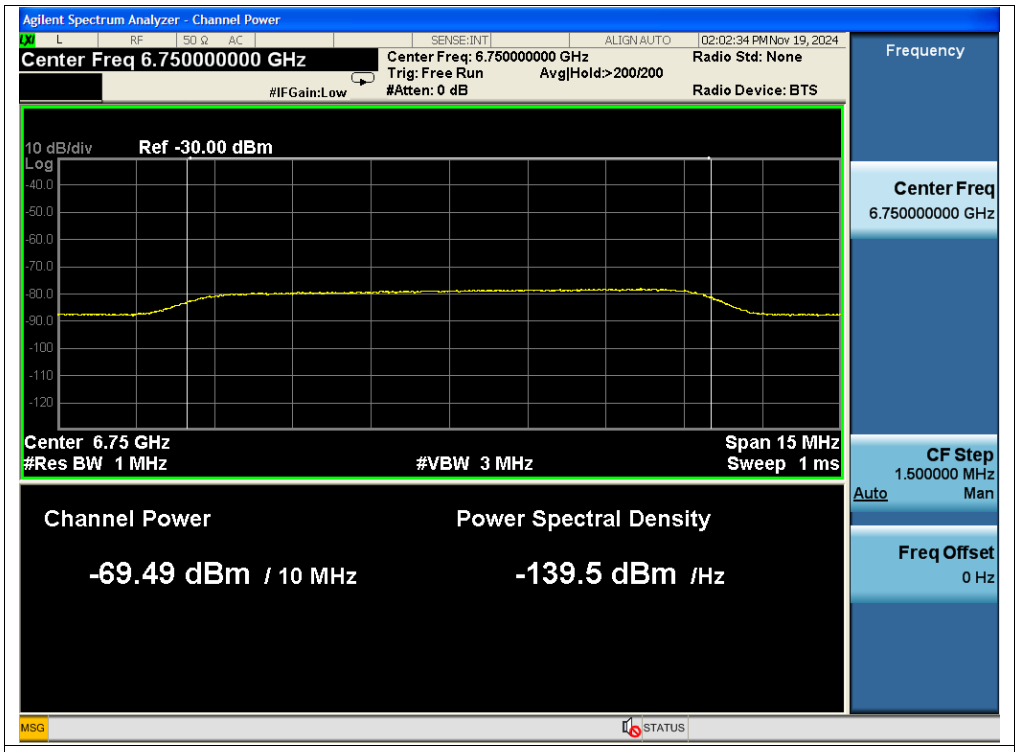
Contention Based Protocol Calibration NVNT be320 6745MHz Interfere 6745 MHz



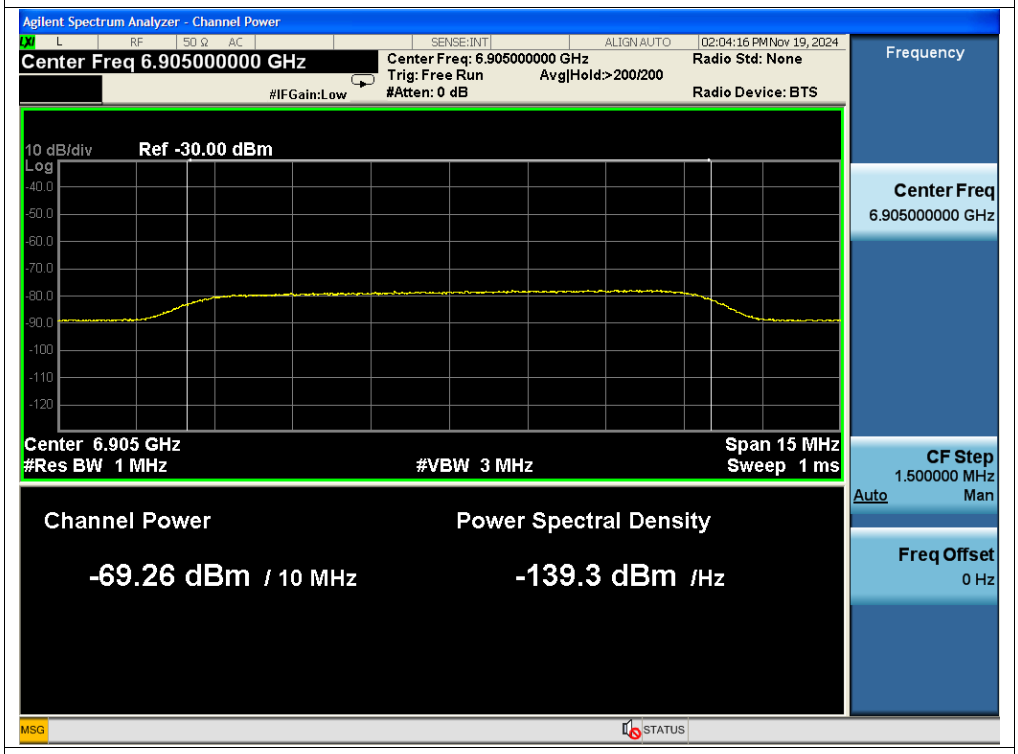
Contention Based Protocol Calibration NVNT be320 6745MHz Interfere 6900 MHz



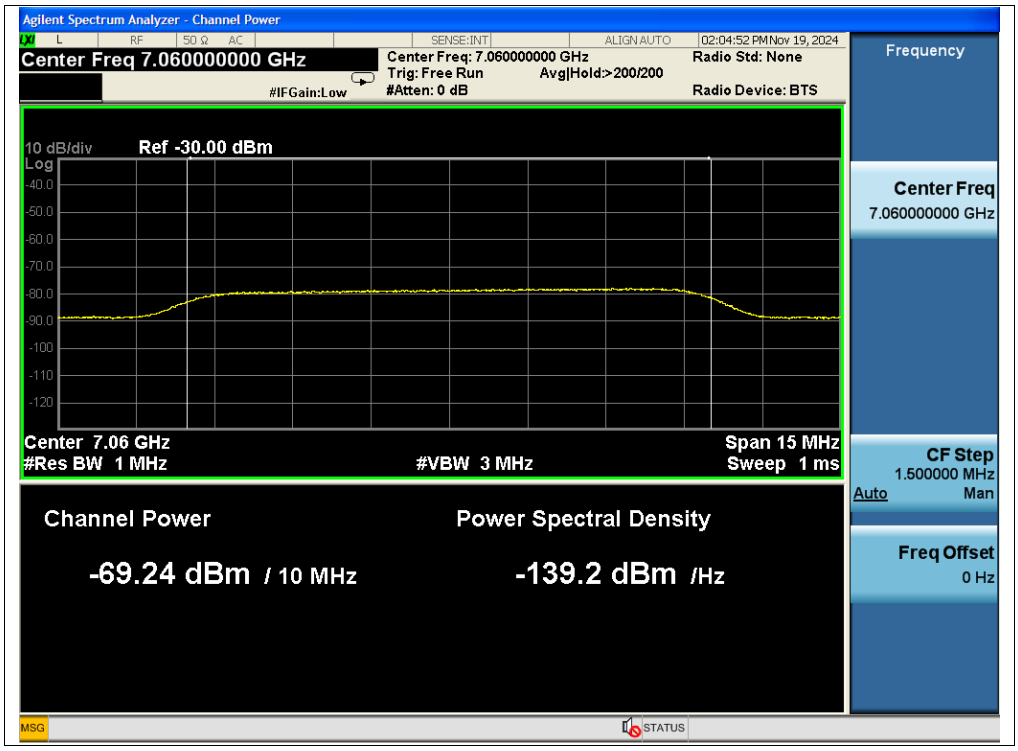
Contention Based Protocol Calibration NVNT be320 6905MHz Interfere 6750 MHz



Contention Based Protocol Calibration NVNT be320 6905MHz Interfere 6905 MHz



Contention Based Protocol Calibration NVNT be320 6905MHz Interfere 7060 MHz


Agilent Spectrum Analyzer - Channel Power
Center Freq 7.060000000 GHz
Center Freq: 7.060000000 GHz
Trig: Free Run
Avg|Hold:>200/200
#Atten: 0 dB
#IFGain:Low
Radio Std: None
Radio Device: BTS
10 dB/div
Ref -30.00 dBm
Log
-40.0
-50.0
-60.0
-70.0
-80.0
-90.0
-100
-110
-120
Center 7.06 GHz
#Res BW 1 MHz
#VBW 3 MHz
Span 15 MHz
Sweep 1 ms
Channel Power
-69.24 dBm / 10 MHz
Power Spectral Density
-139.2 dBm /Hz
Frequency
Center Freq
7.060000000 GHz
CF Step
1.500000 MHz
Auto
Man
Freq Offset
0 Hz
MSG
STATUS

d. Contention Based Protocol Mechanism

Condition	Mode	Frequency (MHz)	Antenna	AWGN Location	AWGN Frequency (MHz)	Test Time	Is Detected	Verdict
NVNT	be20	5955	Ant12	Center	5955	1	Yes	Pass
NVNT	be20	5955	Ant12	Center	5955	2	Yes	Pass
NVNT	be20	5955	Ant12	Center	5955	3	Yes	Pass
NVNT	be20	5955	Ant12	Center	5955	4	Yes	Pass
NVNT	be20	5955	Ant12	Center	5955	5	Yes	Pass
NVNT	be20	5955	Ant12	Center	5955	6	Yes	Pass
NVNT	be20	5955	Ant12	Center	5955	7	Yes	Pass
NVNT	be20	5955	Ant12	Center	5955	8	Yes	Pass
NVNT	be20	5955	Ant12	Center	5955	9	Yes	Pass
NVNT	be20	5955	Ant12	Center	5955	10	Yes	Pass
NVNT	be20	6455	Ant12	Center	6455	1	Yes	Pass
NVNT	be20	6455	Ant12	Center	6455	2	Yes	Pass
NVNT	be20	6455	Ant12	Center	6455	3	Yes	Pass
NVNT	be20	6455	Ant12	Center	6455	4	Yes	Pass
NVNT	be20	6455	Ant12	Center	6455	5	Yes	Pass
NVNT	be20	6455	Ant12	Center	6455	6	Yes	Pass
NVNT	be20	6455	Ant12	Center	6455	7	Yes	Pass
NVNT	be20	6455	Ant12	Center	6455	8	Yes	Pass
NVNT	be20	6455	Ant12	Center	6455	9	Yes	Pass
NVNT	be20	6455	Ant12	Center	6455	10	Yes	Pass
NVNT	be20	6695	Ant12	Center	6695	1	Yes	Pass
NVNT	be20	6695	Ant12	Center	6695	2	Yes	Pass
NVNT	be20	6695	Ant12	Center	6695	3	Yes	Pass
NVNT	be20	6695	Ant12	Center	6695	4	Yes	Pass
NVNT	be20	6695	Ant12	Center	6695	5	Yes	Pass
NVNT	be20	6695	Ant12	Center	6695	6	Yes	Pass
NVNT	be20	6695	Ant12	Center	6695	7	No	Fail
NVNT	be20	6695	Ant12	Center	6695	8	Yes	Pass
NVNT	be20	6695	Ant12	Center	6695	9	Yes	Pass
NVNT	be20	6695	Ant12	Center	6695	10	Yes	Pass
NVNT	be20	6935	Ant12	Center	6935	1	Yes	Pass
NVNT	be20	6935	Ant12	Center	6935	2	Yes	Pass
NVNT	be20	6935	Ant12	Center	6935	3	Yes	Pass
NVNT	be20	6935	Ant12	Center	6935	4	Yes	Pass

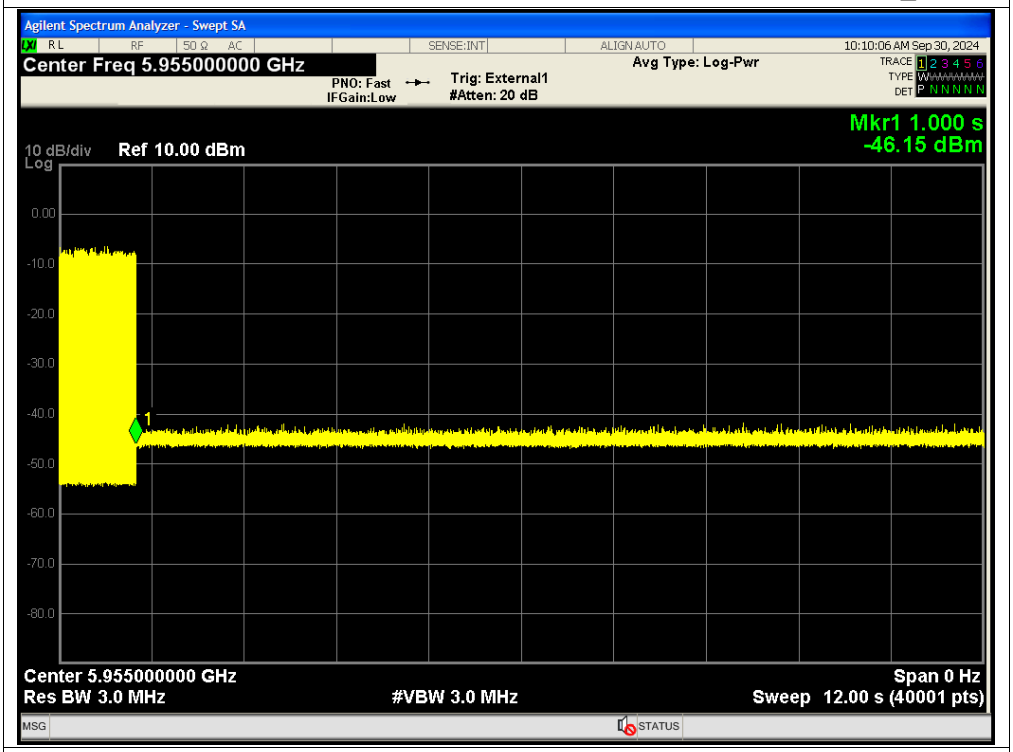
NVNT	be20	6935	Ant12	Center	6935	5	Yes	Pass
NVNT	be20	6935	Ant12	Center	6935	6	Yes	Pass
NVNT	be20	6935	Ant12	Center	6935	7	Yes	Pass
NVNT	be20	6935	Ant12	Center	6935	8	Yes	Pass
NVNT	be20	6935	Ant12	Center	6935	9	Yes	Pass
NVNT	be20	6935	Ant12	Center	6935	10	Yes	Pass
NVNT	be320	6105	Ant12	Low	5950	1	Yes	Pass
NVNT	be320	6105	Ant12	Low	5950	2	Yes	Pass
NVNT	be320	6105	Ant12	Low	5950	3	Yes	Pass
NVNT	be320	6105	Ant12	Low	5950	4	Yes	Pass
NVNT	be320	6105	Ant12	Low	5950	5	Yes	Pass
NVNT	be320	6105	Ant12	Low	5950	6	Yes	Pass
NVNT	be320	6105	Ant12	Low	5950	7	Yes	Pass
NVNT	be320	6105	Ant12	Low	5950	8	Yes	Pass
NVNT	be320	6105	Ant12	Low	5950	9	Yes	Pass
NVNT	be320	6105	Ant12	Low	5950	10	Yes	Pass
NVNT	be320	6105	Ant12	Center	6105	1	Yes	Pass
NVNT	be320	6105	Ant12	Center	6105	2	Yes	Pass
NVNT	be320	6105	Ant12	Center	6105	3	Yes	Pass
NVNT	be320	6105	Ant12	Center	6105	4	No	Fail
NVNT	be320	6105	Ant12	Center	6105	5	Yes	Pass
NVNT	be320	6105	Ant12	Center	6105	6	Yes	Pass
NVNT	be320	6105	Ant12	Center	6105	7	Yes	Pass
NVNT	be320	6105	Ant12	Center	6105	8	Yes	Pass
NVNT	be320	6105	Ant12	Center	6105	9	Yes	Pass
NVNT	be320	6105	Ant12	Center	6105	10	Yes	Pass
NVNT	be320	6105	Ant12	High	6260	1	Yes	Pass
NVNT	be320	6105	Ant12	High	6260	2	Yes	Pass
NVNT	be320	6105	Ant12	High	6260	3	Yes	Pass
NVNT	be320	6105	Ant12	High	6260	4	Yes	Pass
NVNT	be320	6105	Ant12	High	6260	5	Yes	Pass
NVNT	be320	6105	Ant12	High	6260	6	Yes	Pass
NVNT	be320	6105	Ant12	High	6260	7	Yes	Pass
NVNT	be320	6105	Ant12	High	6260	8	Yes	Pass
NVNT	be320	6105	Ant12	High	6260	9	Yes	Pass
NVNT	be320	6105	Ant12	High	6260	10	Yes	Pass
NVNT	be320	6745	Ant12	Low	6590	1	Yes	Pass
NVNT	be320	6745	Ant12	Low	6590	2	Yes	Pass

NVNT	be320	6745	Ant12	Low	6590	3	Yes	Pass
NVNT	be320	6745	Ant12	Low	6590	4	Yes	Pass
NVNT	be320	6745	Ant12	Low	6590	5	Yes	Pass
NVNT	be320	6745	Ant12	Low	6590	6	Yes	Pass
NVNT	be320	6745	Ant12	Low	6590	7	Yes	Pass
NVNT	be320	6745	Ant12	Low	6590	8	Yes	Pass
NVNT	be320	6745	Ant12	Low	6590	9	Yes	Pass
NVNT	be320	6745	Ant12	Low	6590	10	Yes	Pass
NVNT	be320	6745	Ant12	Center	6745	1	Yes	Pass
NVNT	be320	6745	Ant12	Center	6745	2	Yes	Pass
NVNT	be320	6745	Ant12	Center	6745	3	No	Fail
NVNT	be320	6745	Ant12	Center	6745	4	Yes	Pass
NVNT	be320	6745	Ant12	Center	6745	5	Yes	Pass
NVNT	be320	6745	Ant12	Center	6745	6	Yes	Pass
NVNT	be320	6745	Ant12	Center	6745	7	Yes	Pass
NVNT	be320	6745	Ant12	Center	6745	8	Yes	Pass
NVNT	be320	6745	Ant12	Center	6745	9	Yes	Pass
NVNT	be320	6745	Ant12	Center	6745	10	Yes	Pass
NVNT	be320	6745	Ant12	High	6900	1	Yes	Pass
NVNT	be320	6745	Ant12	High	6900	2	Yes	Pass
NVNT	be320	6745	Ant12	High	6900	3	Yes	Pass
NVNT	be320	6745	Ant12	High	6900	4	Yes	Pass
NVNT	be320	6745	Ant12	High	6900	5	Yes	Pass
NVNT	be320	6745	Ant12	High	6900	6	No	Fail
NVNT	be320	6745	Ant12	High	6900	7	Yes	Pass
NVNT	be320	6745	Ant12	High	6900	8	Yes	Pass
NVNT	be320	6745	Ant12	High	6900	9	Yes	Pass
NVNT	be320	6745	Ant12	High	6900	10	Yes	Pass
NVNT	be320	6905	Ant12	Low	6750	1	Yes	Pass
NVNT	be320	6905	Ant12	Low	6750	2	Yes	Pass
NVNT	be320	6905	Ant12	Low	6750	3	Yes	Pass
NVNT	be320	6905	Ant12	Low	6750	4	Yes	Pass
NVNT	be320	6905	Ant12	Low	6750	5	Yes	Pass
NVNT	be320	6905	Ant12	Low	6750	6	Yes	Pass
NVNT	be320	6905	Ant12	Low	6750	7	Yes	Pass
NVNT	be320	6905	Ant12	Low	6750	8	Yes	Pass
NVNT	be320	6905	Ant12	Low	6750	9	Yes	Pass
NVNT	be320	6905	Ant12	Low	6750	10	Yes	Pass

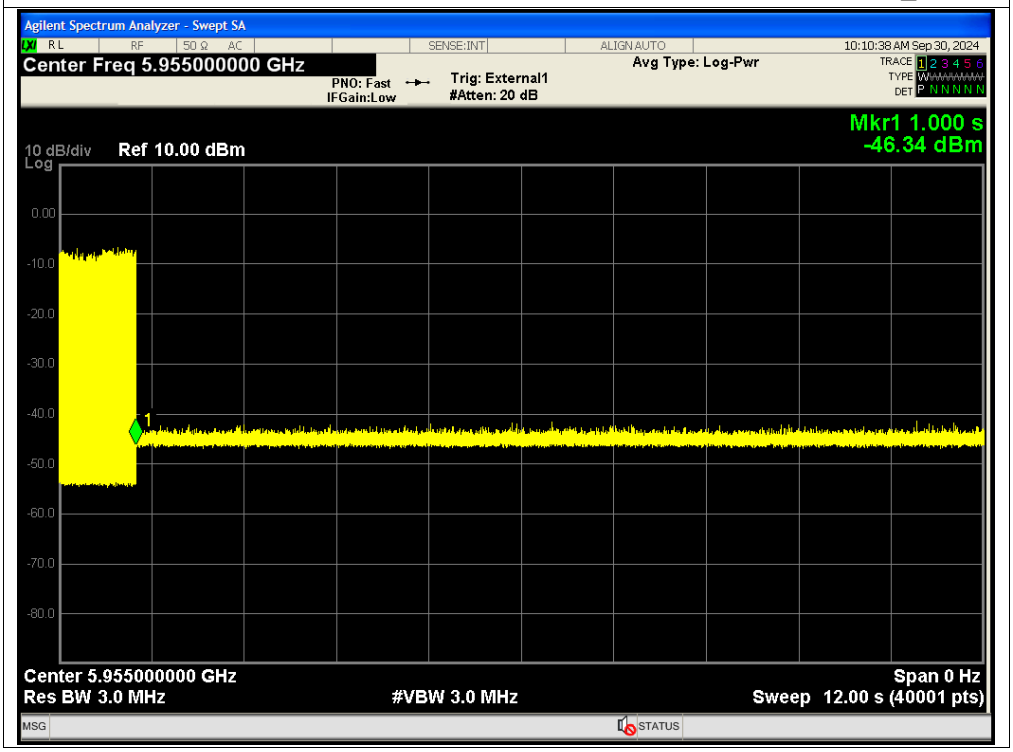
NVNT	be320	6905	Ant12	Center	6905	1	Yes	Pass
NVNT	be320	6905	Ant12	Center	6905	2	Yes	Pass
NVNT	be320	6905	Ant12	Center	6905	3	Yes	Pass
NVNT	be320	6905	Ant12	Center	6905	4	Yes	Pass
NVNT	be320	6905	Ant12	Center	6905	5	Yes	Pass
NVNT	be320	6905	Ant12	Center	6905	6	Yes	Pass
NVNT	be320	6905	Ant12	Center	6905	7	No	Fail
NVNT	be320	6905	Ant12	Center	6905	8	Yes	Pass
NVNT	be320	6905	Ant12	Center	6905	9	Yes	Pass
NVNT	be320	6905	Ant12	Center	6905	10	Yes	Pass
NVNT	be320	6905	Ant12	High	7060	1	Yes	Pass
NVNT	be320	6905	Ant12	High	7060	2	Yes	Pass
NVNT	be320	6905	Ant12	High	7060	3	Yes	Pass
NVNT	be320	6905	Ant12	High	7060	4	Yes	Pass
NVNT	be320	6905	Ant12	High	7060	5	Yes	Pass
NVNT	be320	6905	Ant12	High	7060	6	Yes	Pass
NVNT	be320	6905	Ant12	High	7060	7	Yes	Pass
NVNT	be320	6905	Ant12	High	7060	8	Yes	Pass
NVNT	be320	6905	Ant12	High	7060	9	Yes	Pass
NVNT	be320	6905	Ant12	High	7060	10	Yes	Pass

Test Graphs

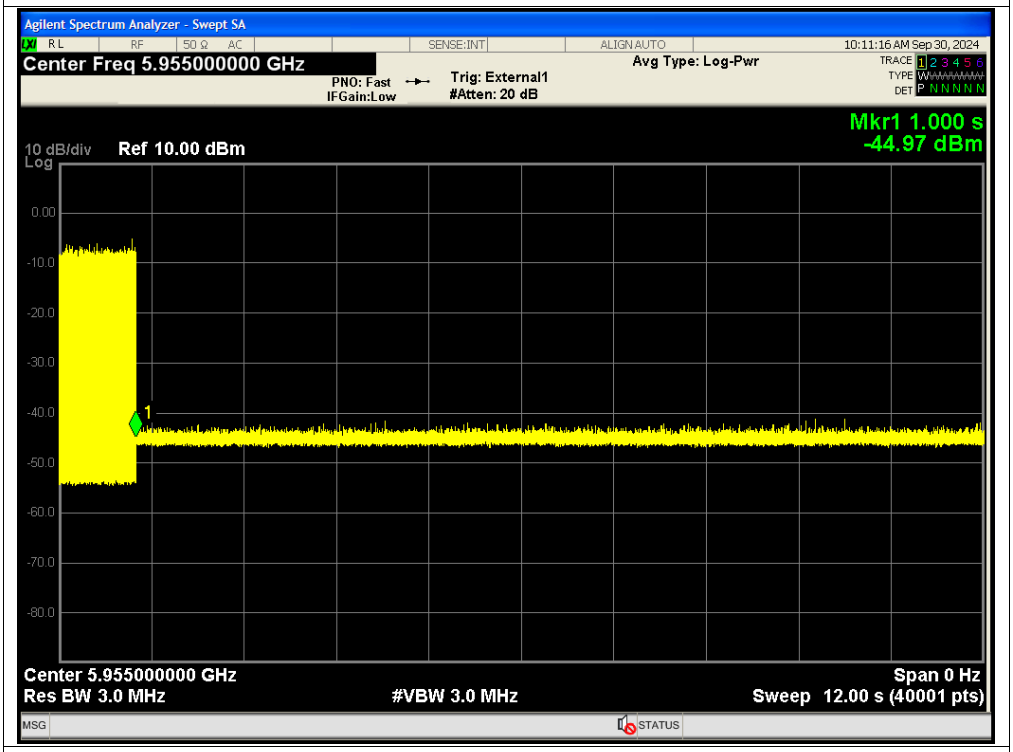
Contention Based Protocol NVNT be20 5955MHz Interfere 5955 MHz_1



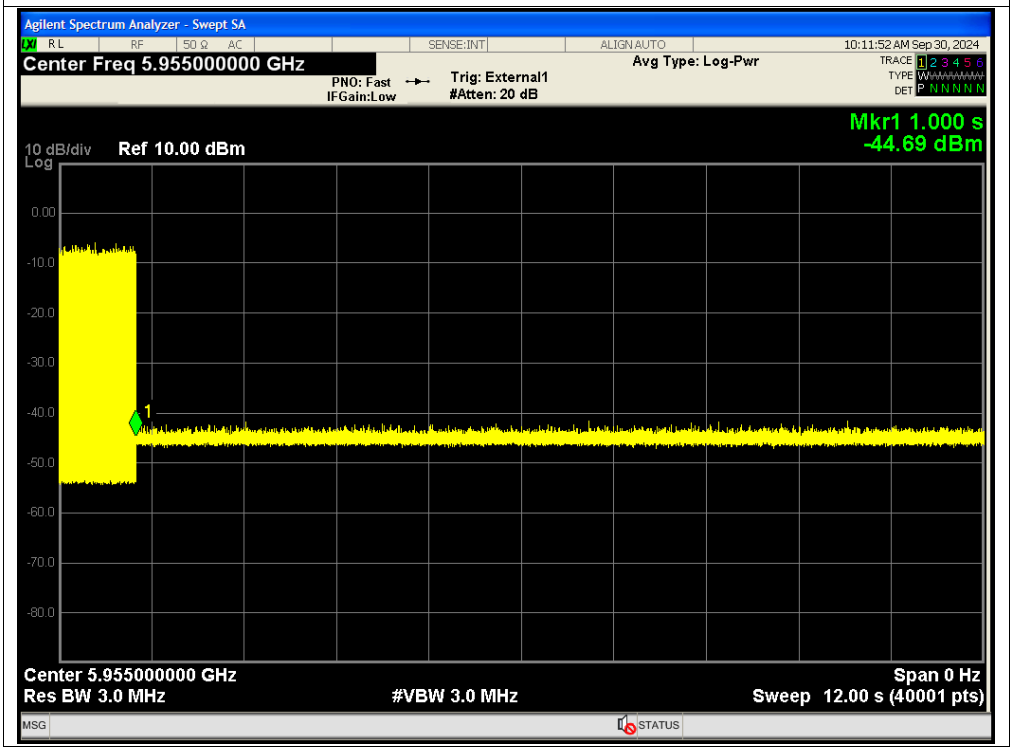
Contention Based Protocol NVNT be20 5955MHz Interfere 5955 MHz_2



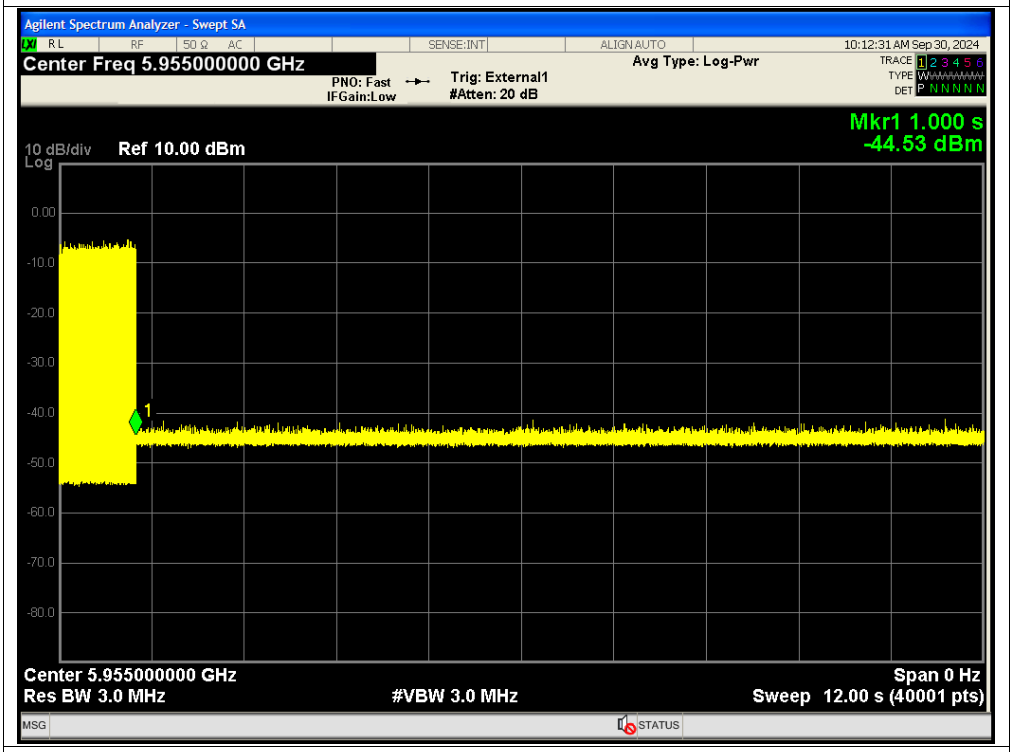
Contention Based Protocol NVNT be20 5955MHz Interfere 5955 MHz_3



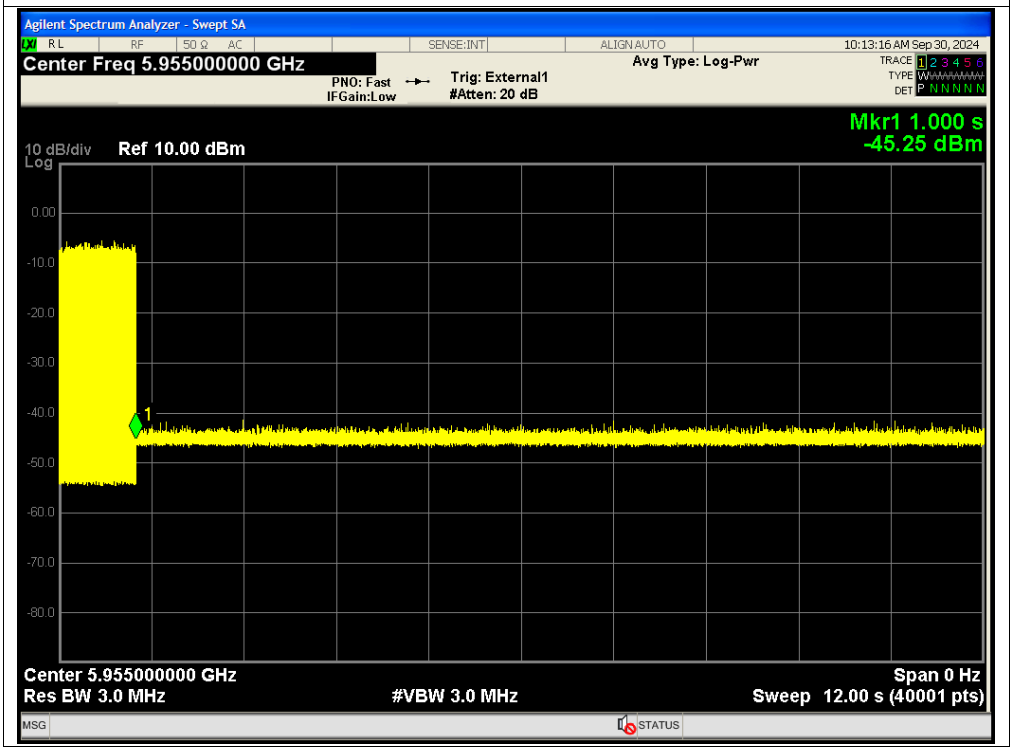
Contention Based Protocol NVNT be20 5955MHz Interfere 5955 MHz_4



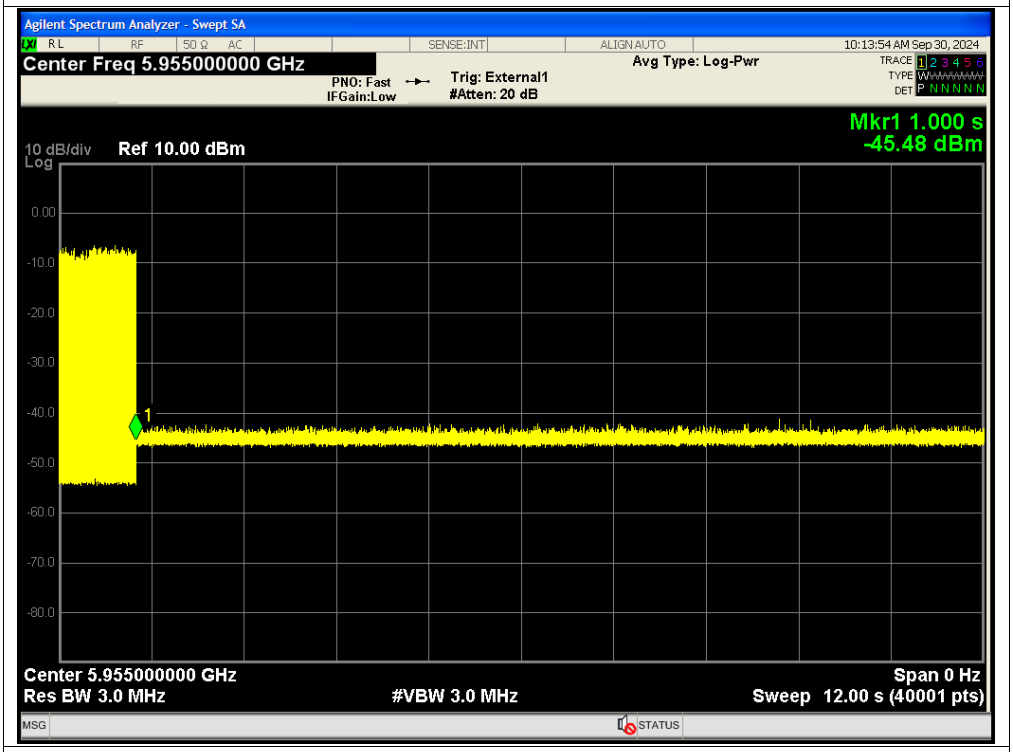
Contention Based Protocol NVNT be20 5955MHz Interfere 5955 MHz_5



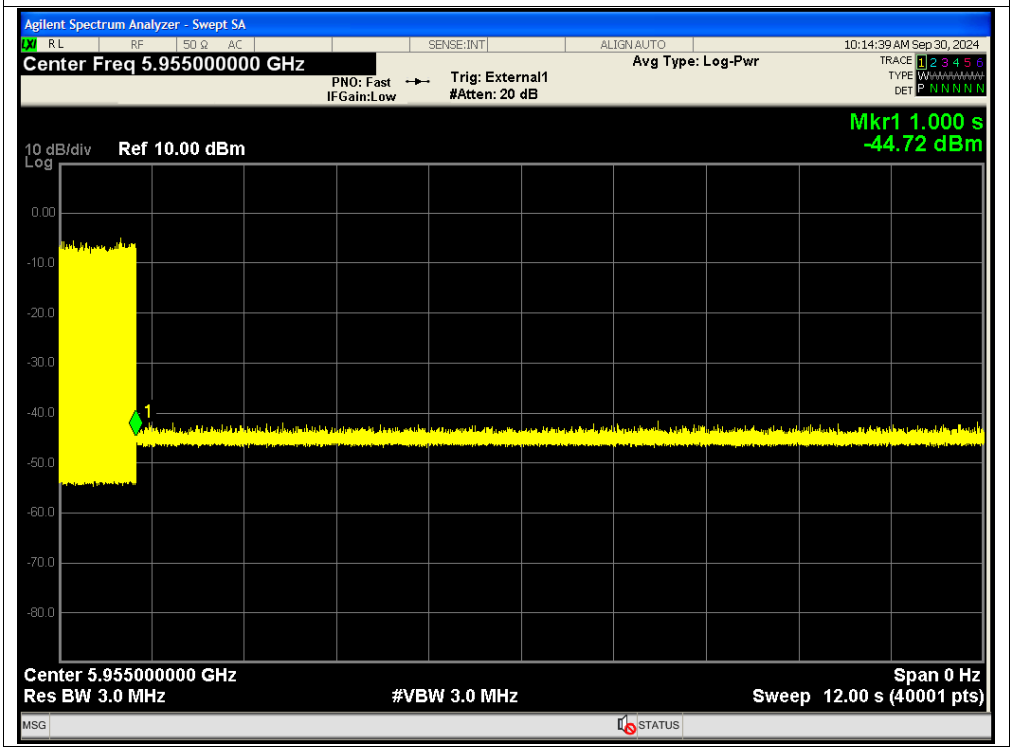
Contention Based Protocol NVNT be20 5955MHz Interfere 5955 MHz_6



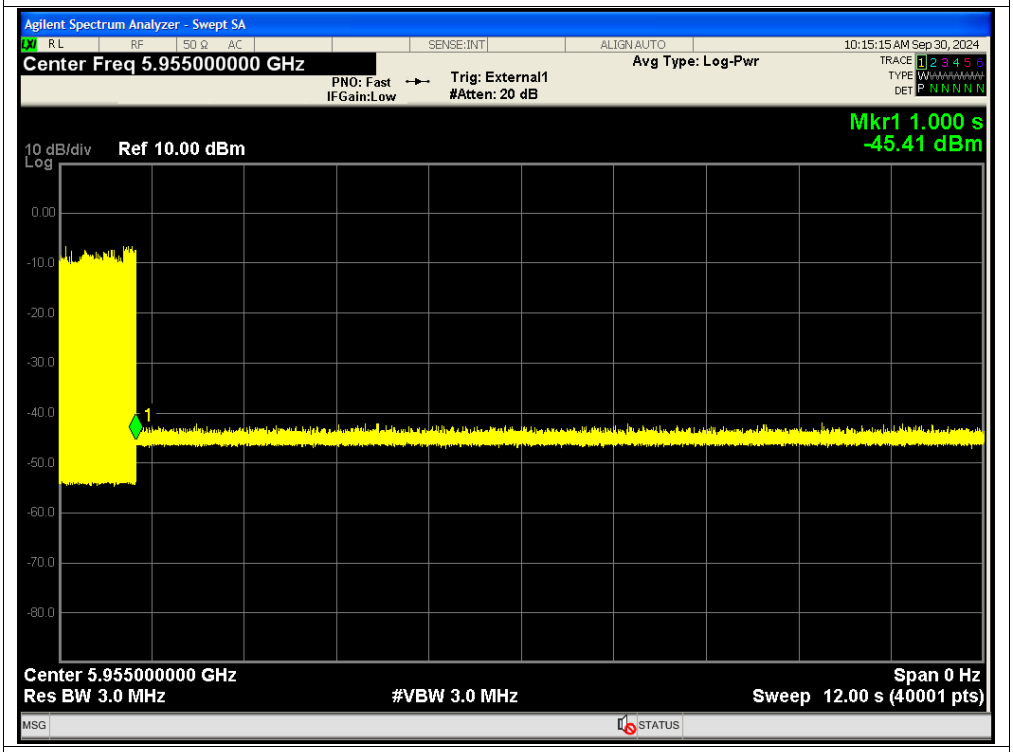
Contention Based Protocol NVNT be20 5955MHz Interfere 5955 MHz_7



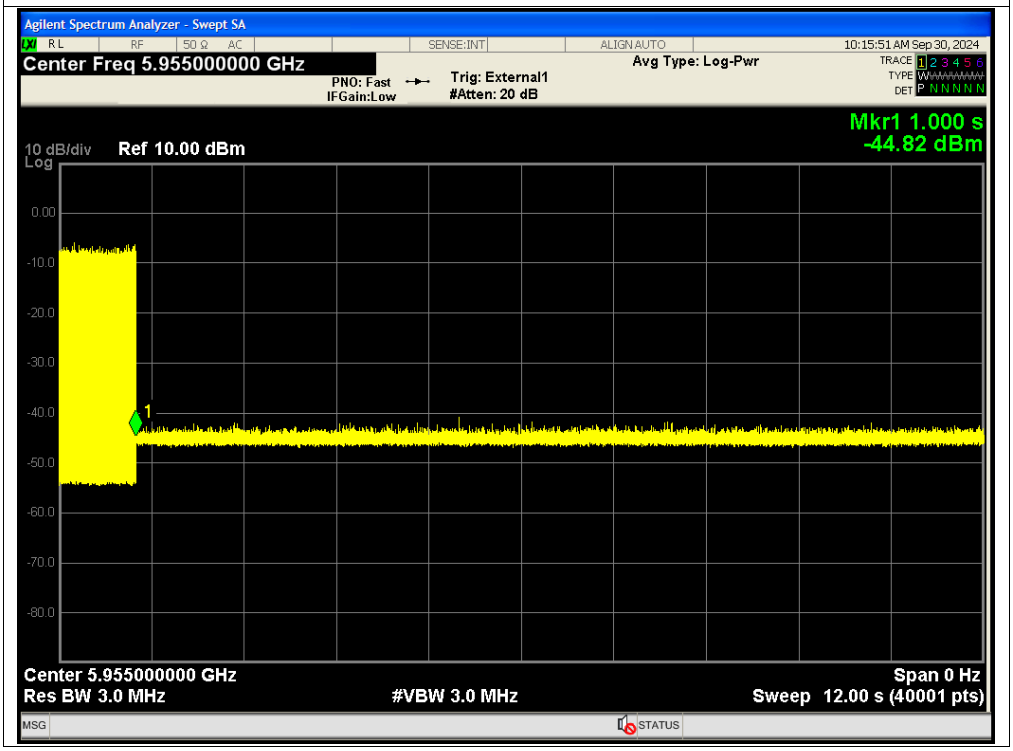
Contention Based Protocol NVNT be20 5955MHz Interfere 5955 MHz_8



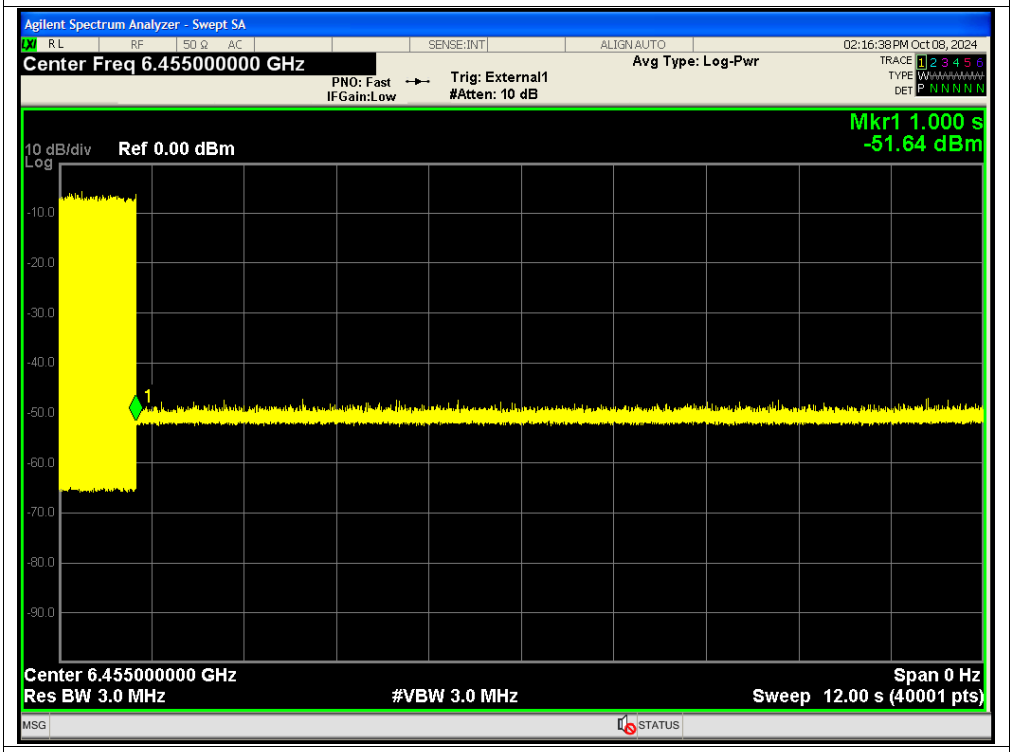
Contention Based Protocol NVNT be20 5955MHz Interfere 5955 MHz_9



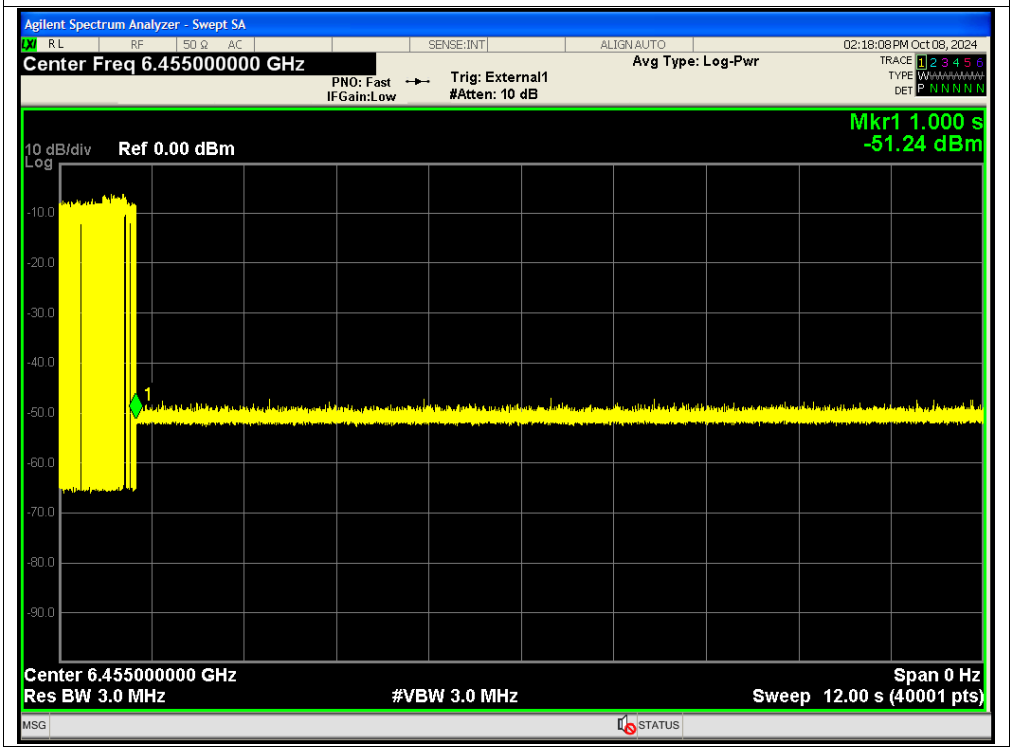
Contention Based Protocol NVNT be20 5955MHz Interfere 5955 MHz_10



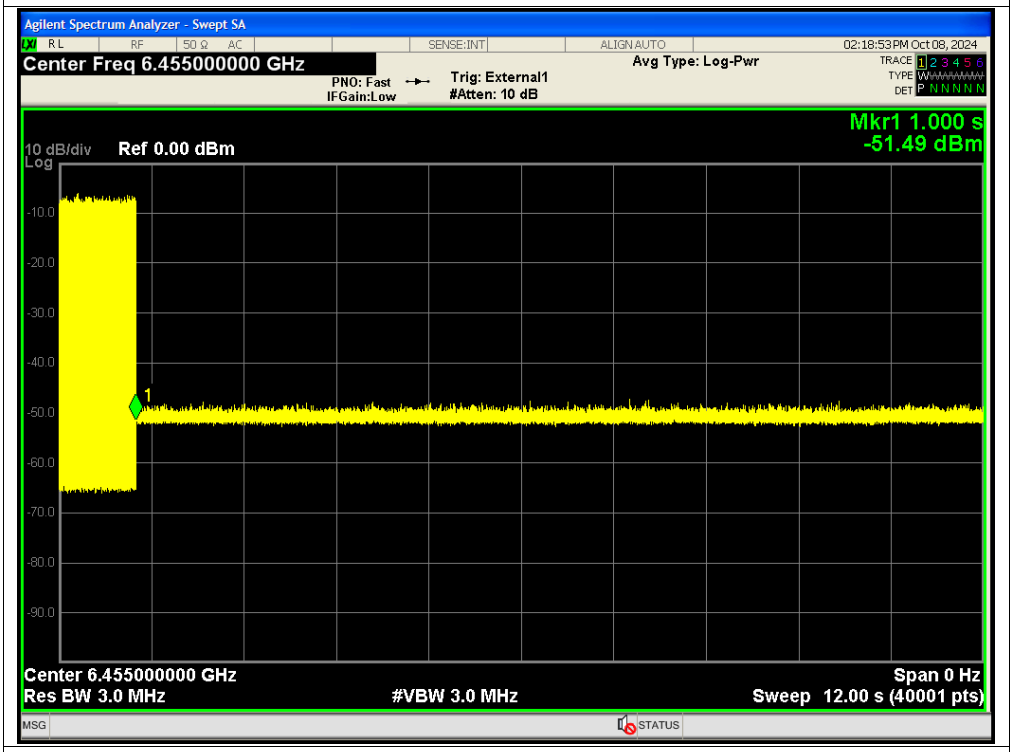
Contention Based Protocol NVNT be20 6455MHz Interfere 6455 MHz_1



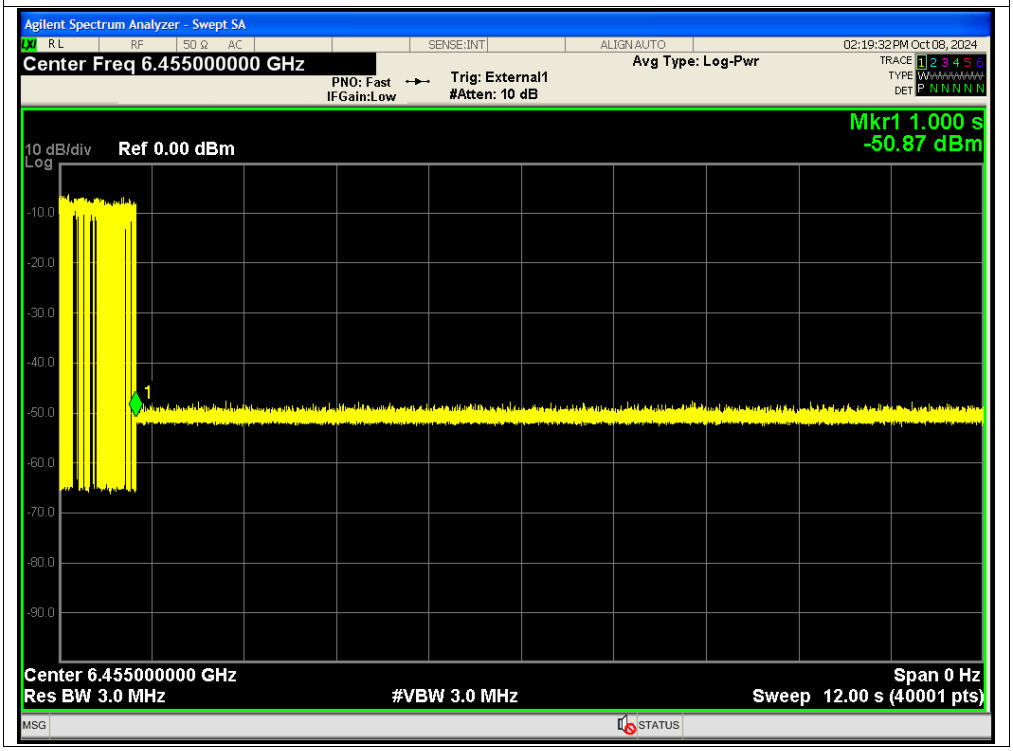
Contention Based Protocol NVNT be20 6455MHz Interfere 6455 MHz_2



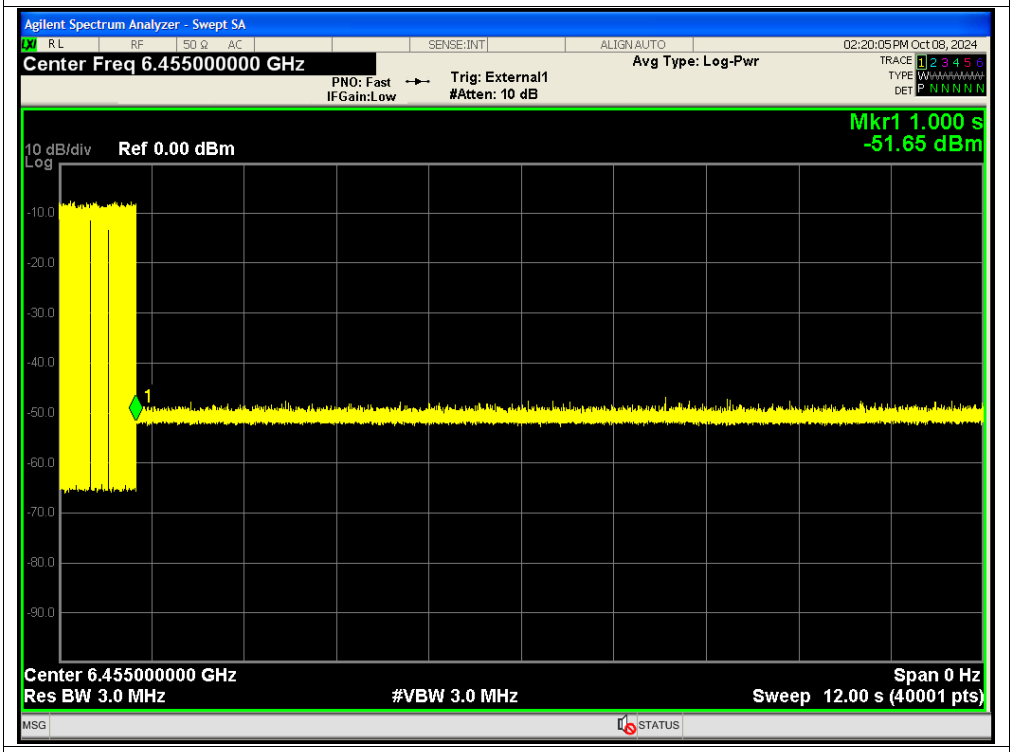
Contention Based Protocol NVNT be20 6455MHz Interfere 6455 MHz_3



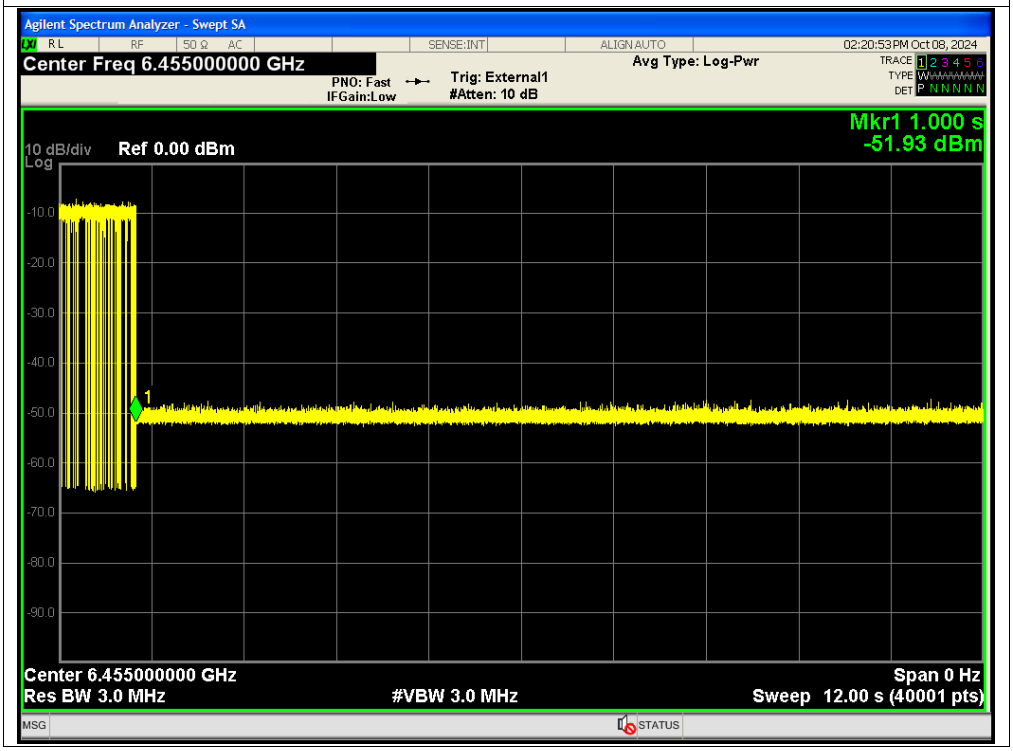
Contention Based Protocol NVNT be20 6455MHz Interfere 6455 MHz_4



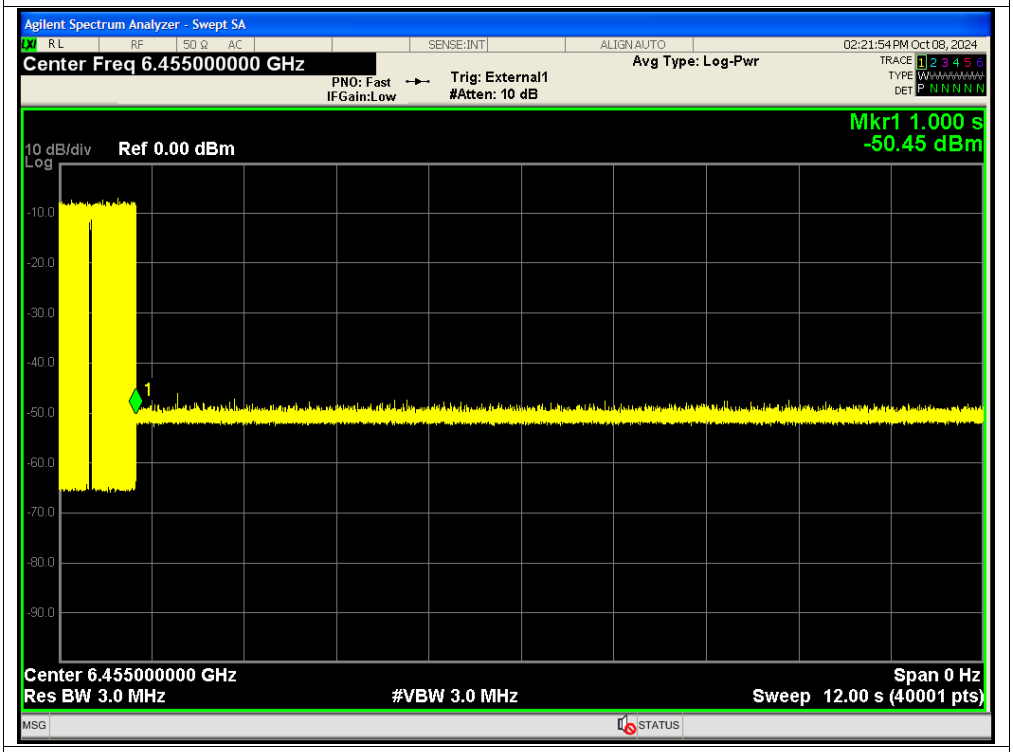
Contention Based Protocol NVNT be20 6455MHz Interfere 6455 MHz_5



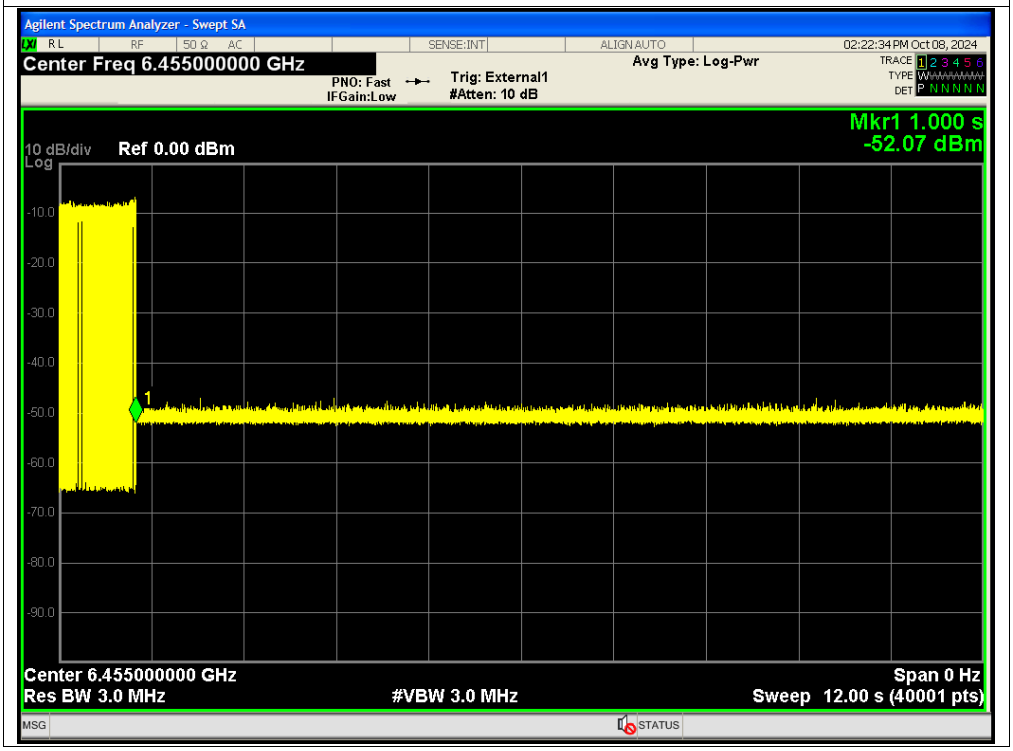
Contention Based Protocol NVNT be20 6455MHz Interfere 6455 MHz_6



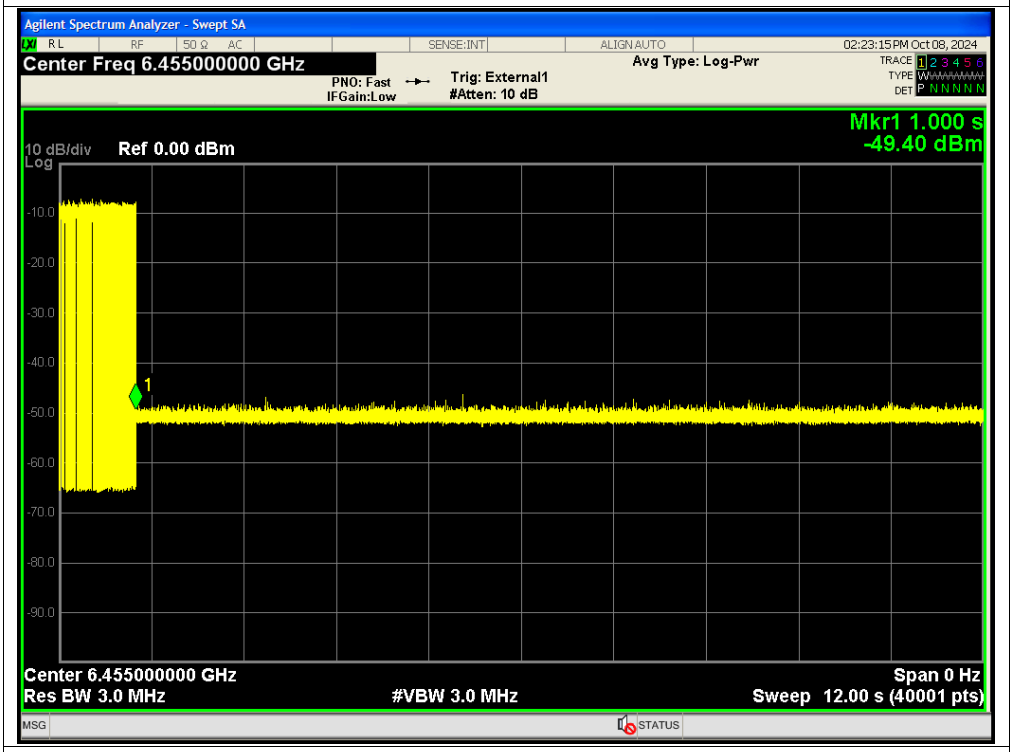
Contention Based Protocol NVNT be20 6455MHz Interfere 6455 MHz_7



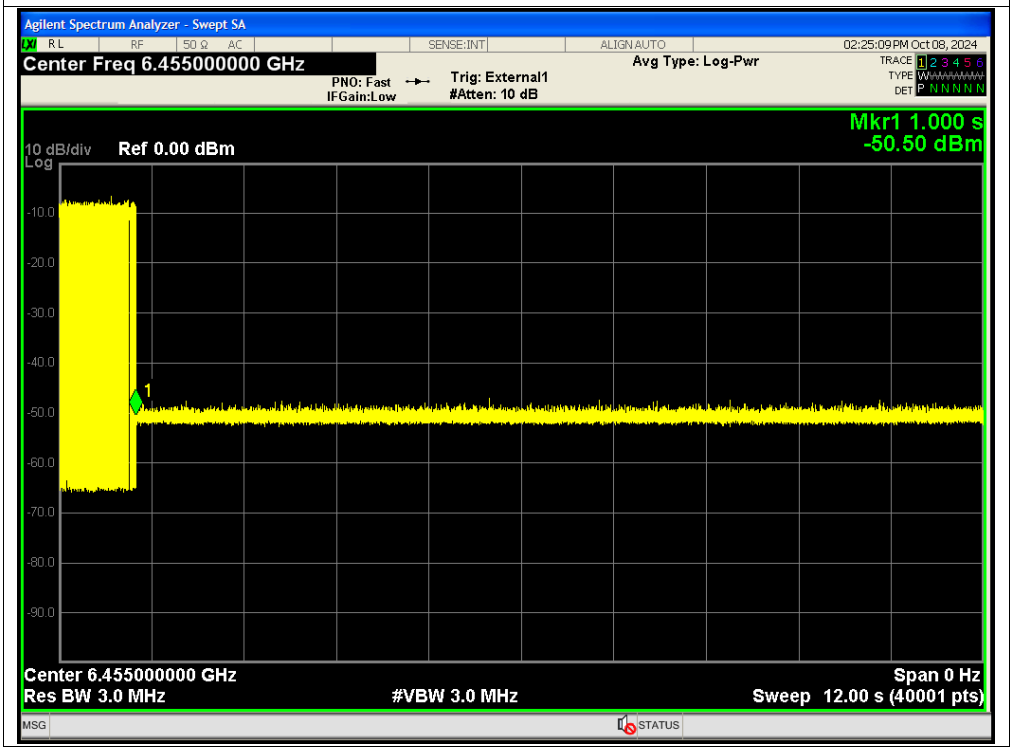
Contention Based Protocol NVNT be20 6455MHz Interfere 6455 MHz_8



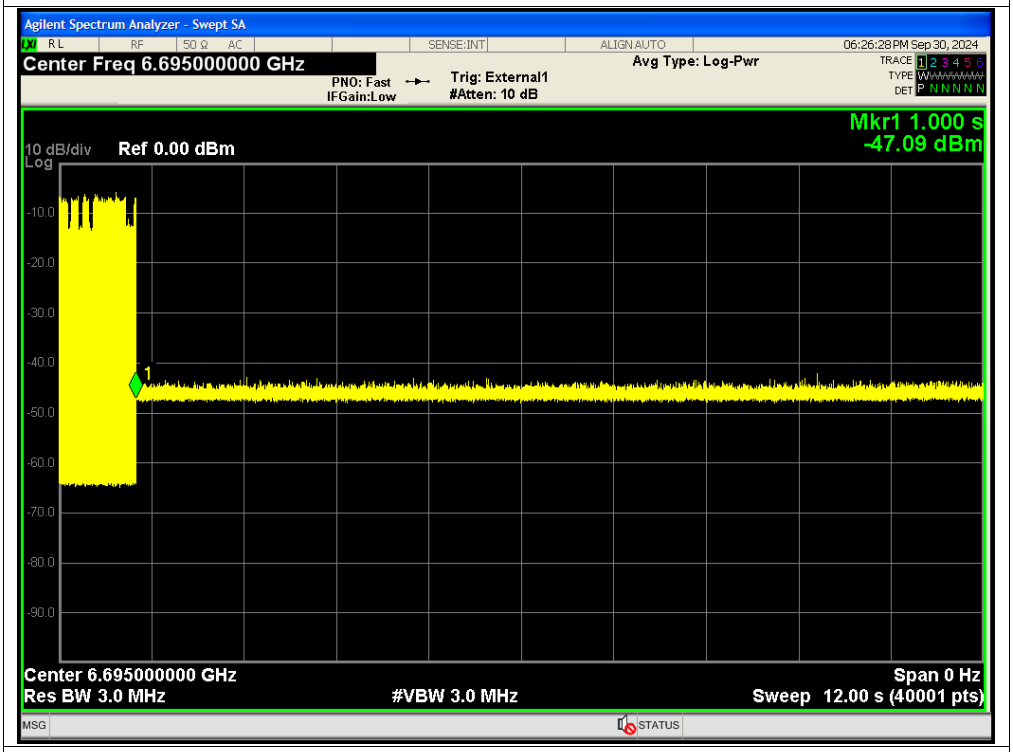
Contention Based Protocol NVNT be20 6455MHz Interfere 6455 MHz_9



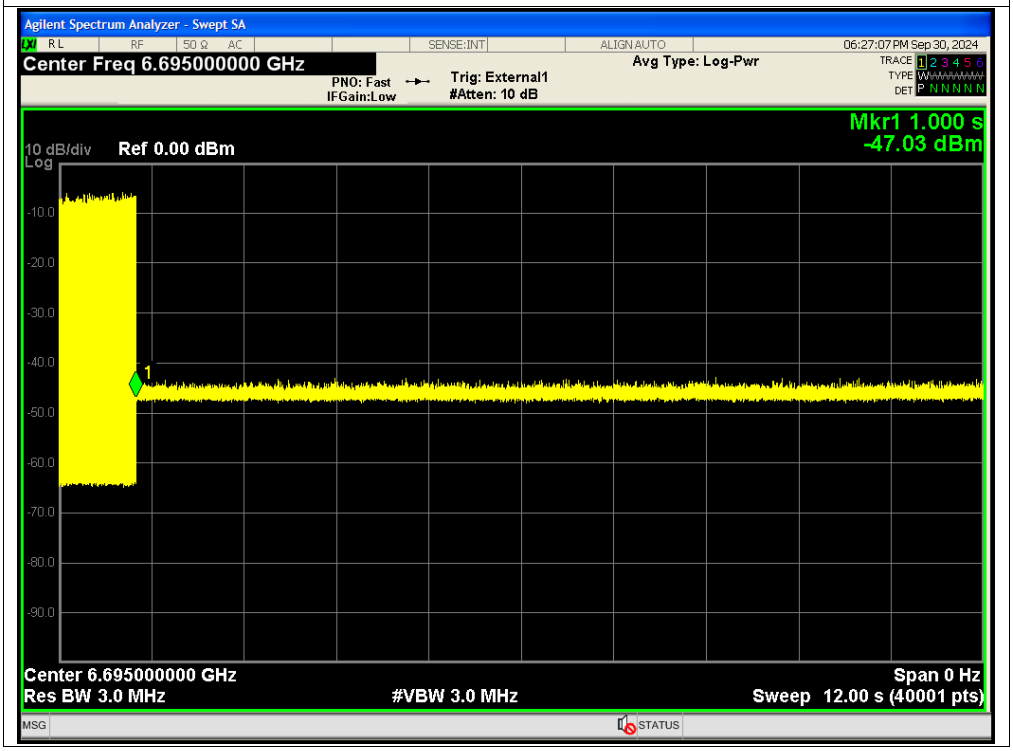
Contention Based Protocol NVNT be20 6455MHz Interfere 6455 MHz_10



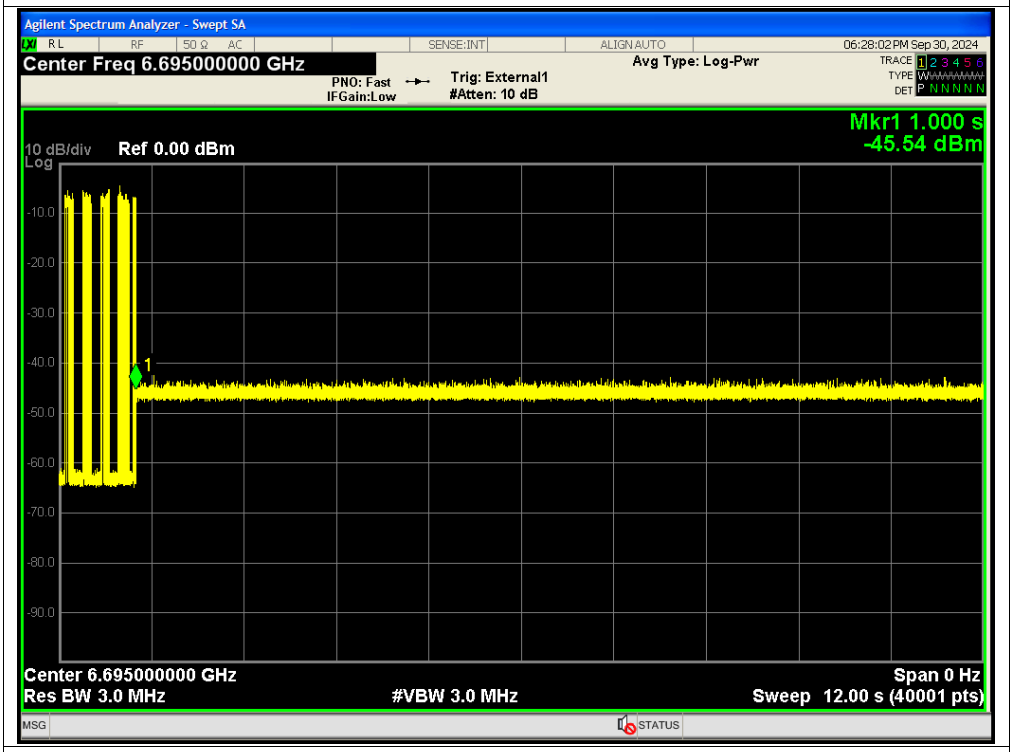
Contention Based Protocol NVNT be20 6695MHz Interfere 6695 MHz_1



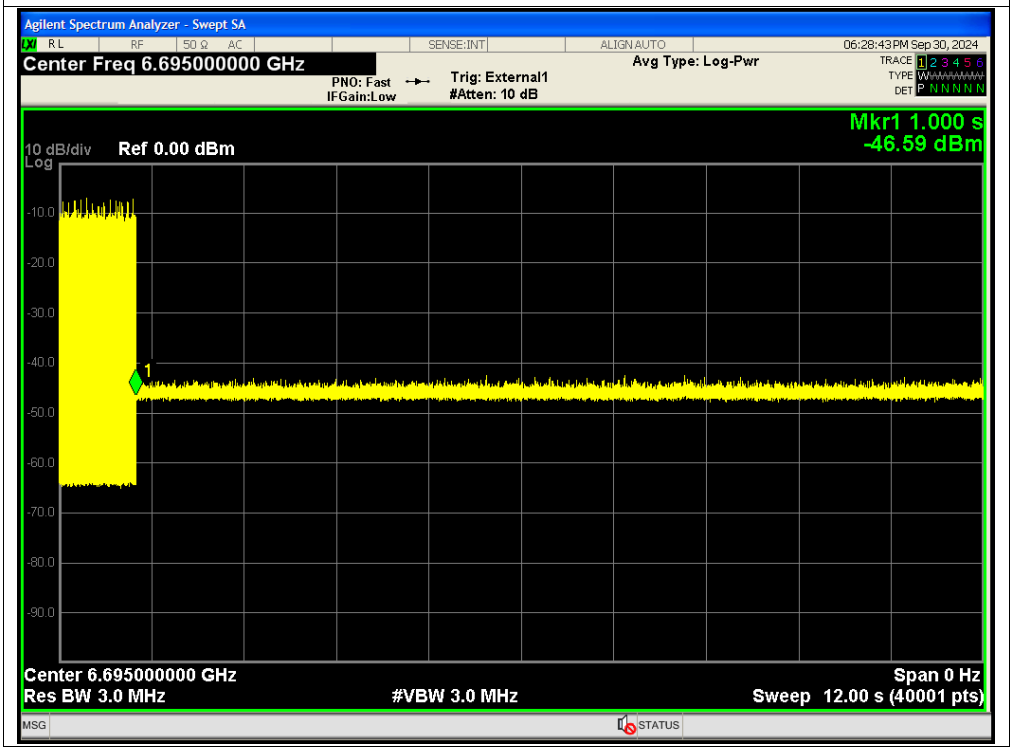
Contention Based Protocol NVNT be20 6695MHz Interfere 6695 MHz_2



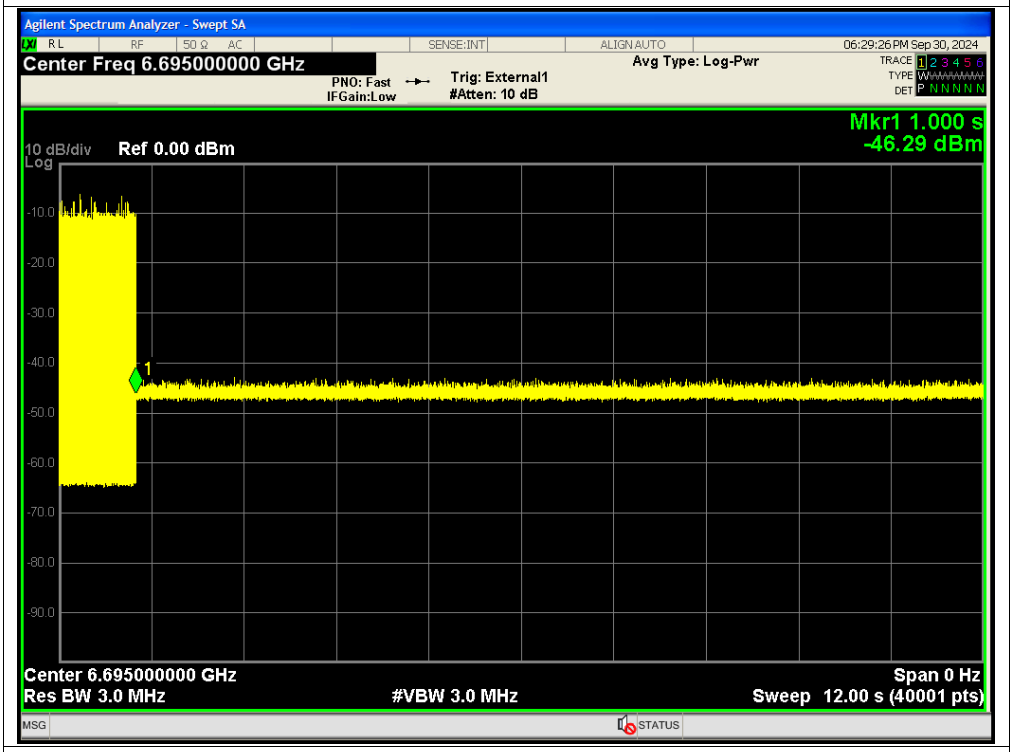
Contention Based Protocol NVNT be20 6695MHz Interfere 6695 MHz_3



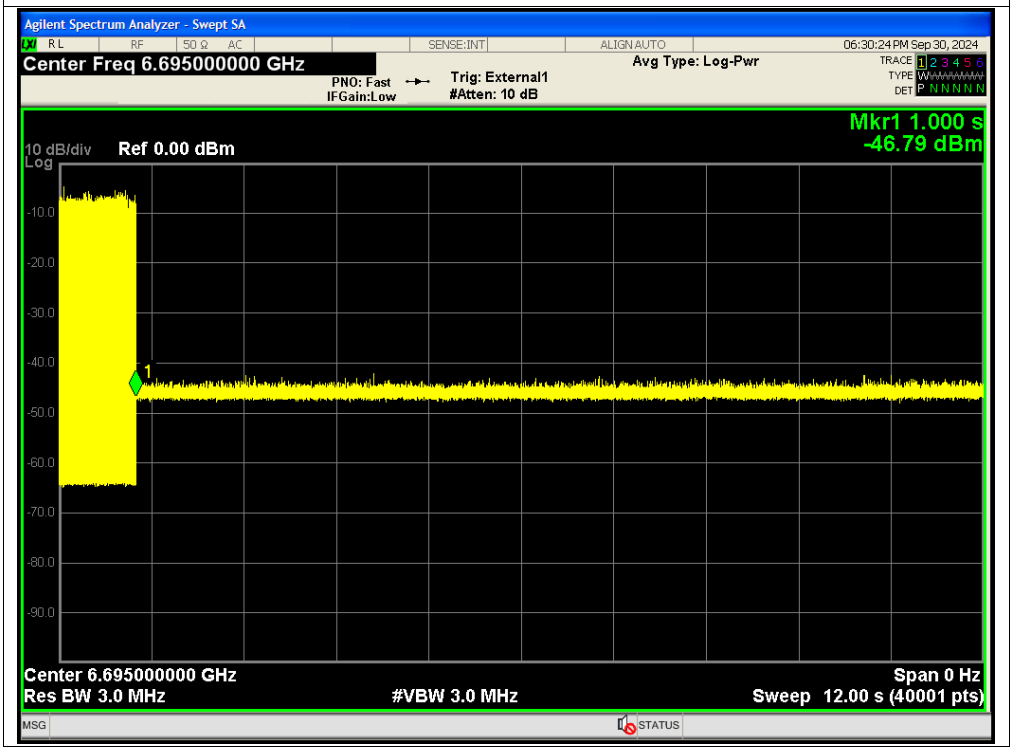
Contention Based Protocol NVNT be20 6695MHz Interfere 6695 MHz_4



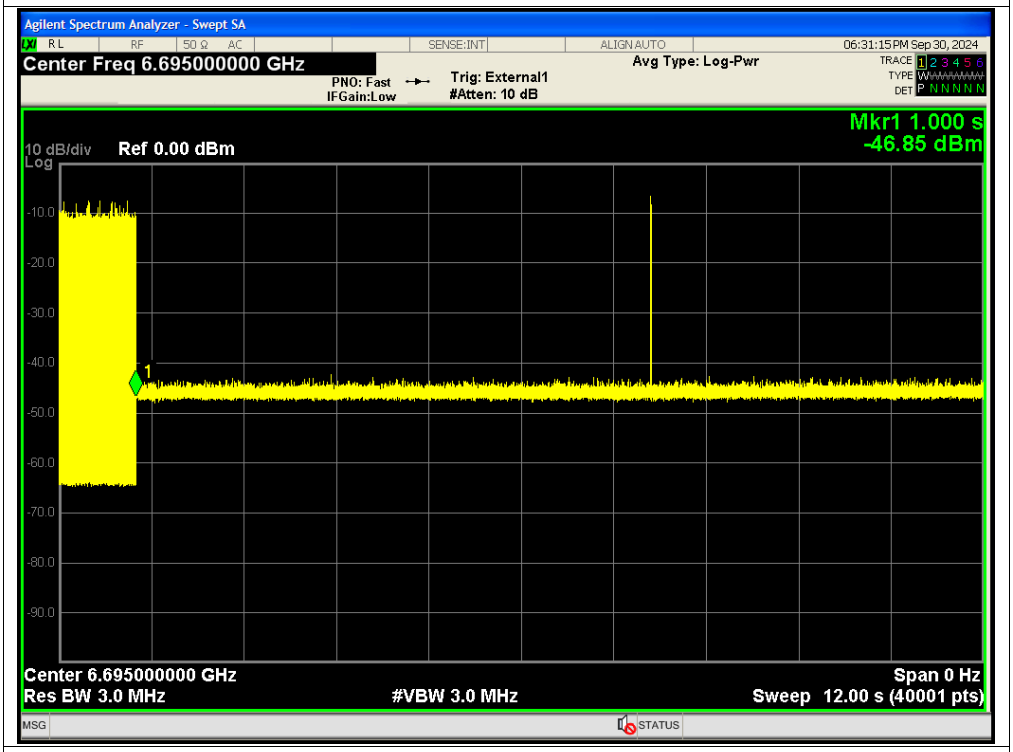
Contention Based Protocol NVNT be20 6695MHz Interfere 6695 MHz_5



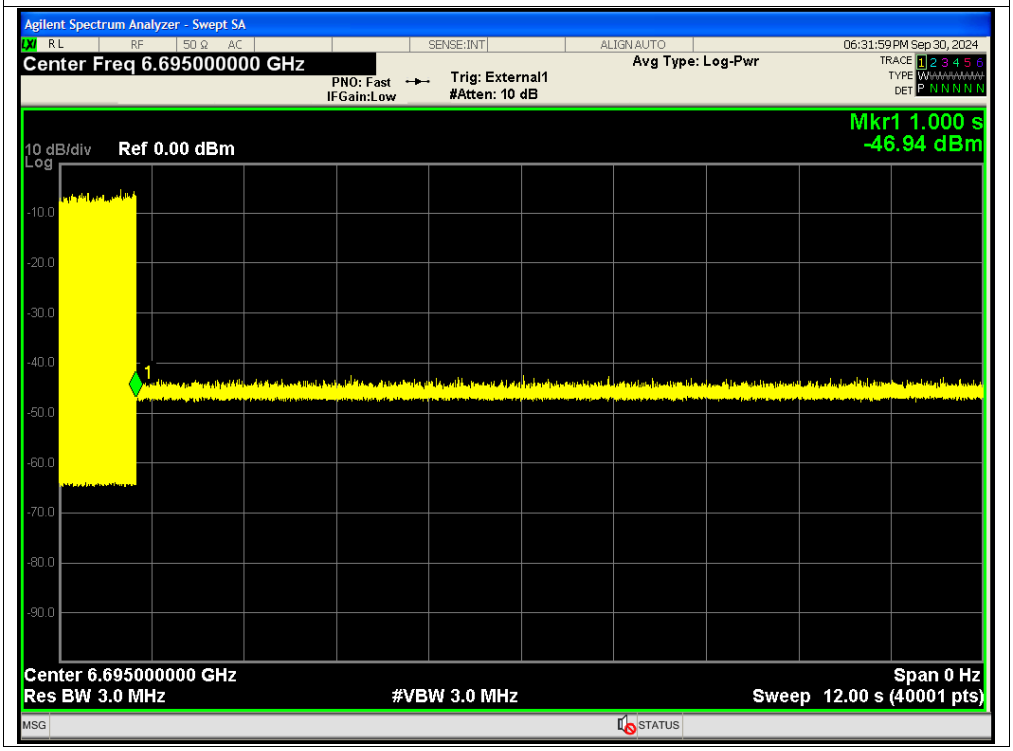
Contention Based Protocol NVNT be20 6695MHz Interfere 6695 MHz_6



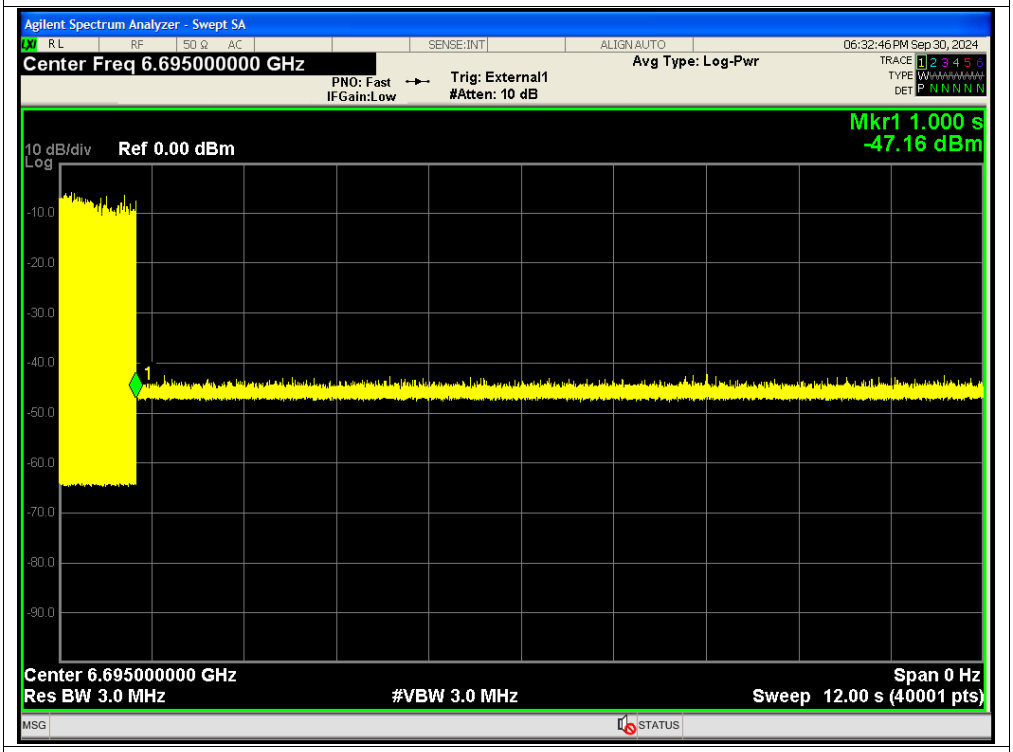
Contention Based Protocol NVNT be20 6695MHz Interfere 6695 MHz_7



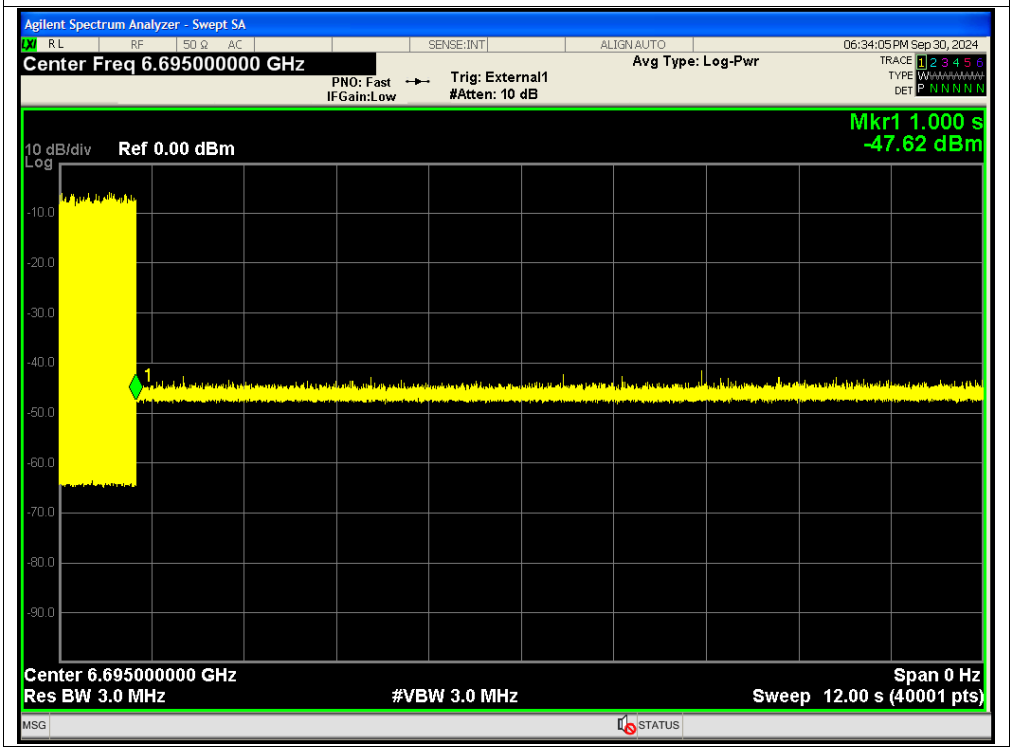
Contention Based Protocol NVNT be20 6695MHz Interfere 6695 MHz_8



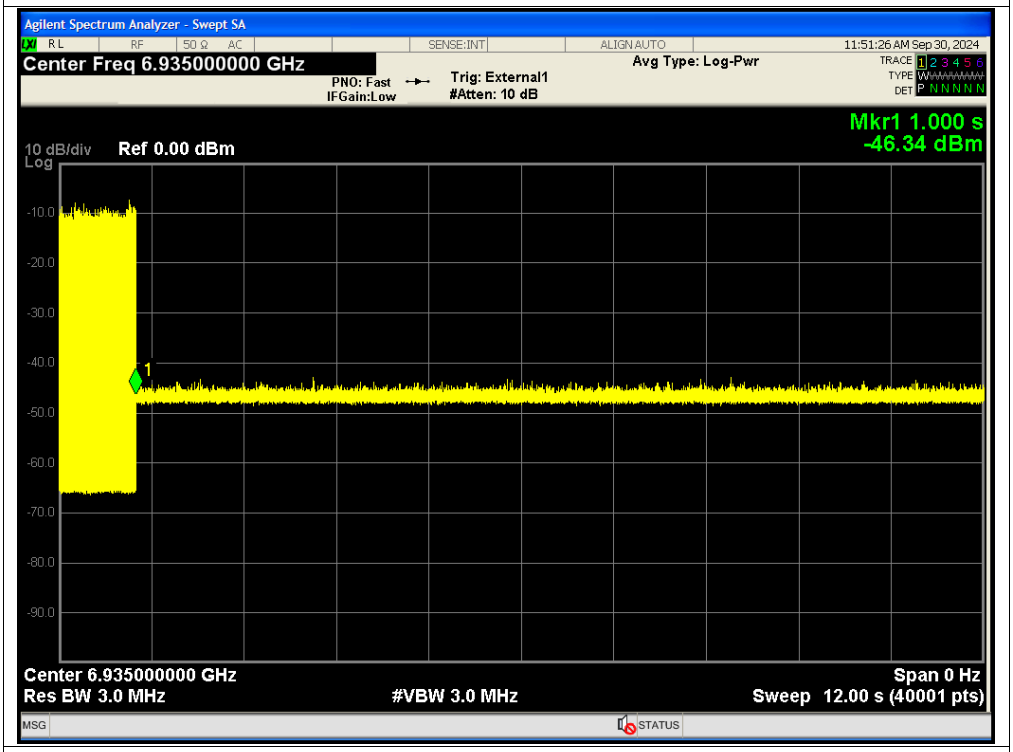
Contention Based Protocol NVNT be20 6695MHz Interfere 6695 MHz_9



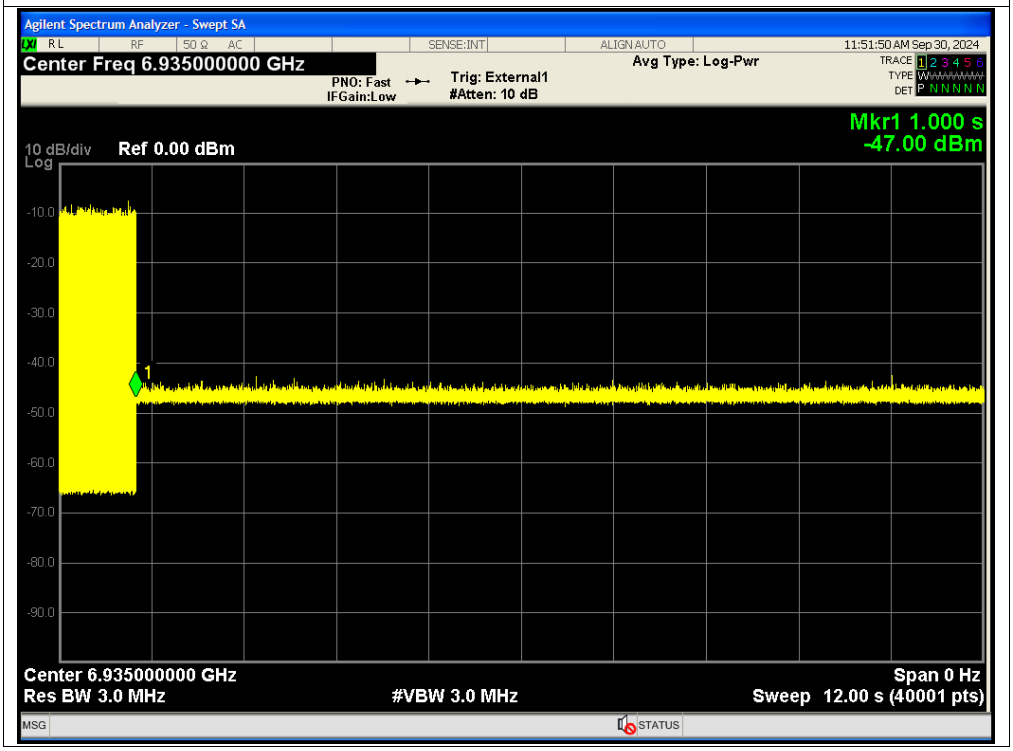
Contention Based Protocol NVNT be20 6695MHz Interfere 6695 MHz_10



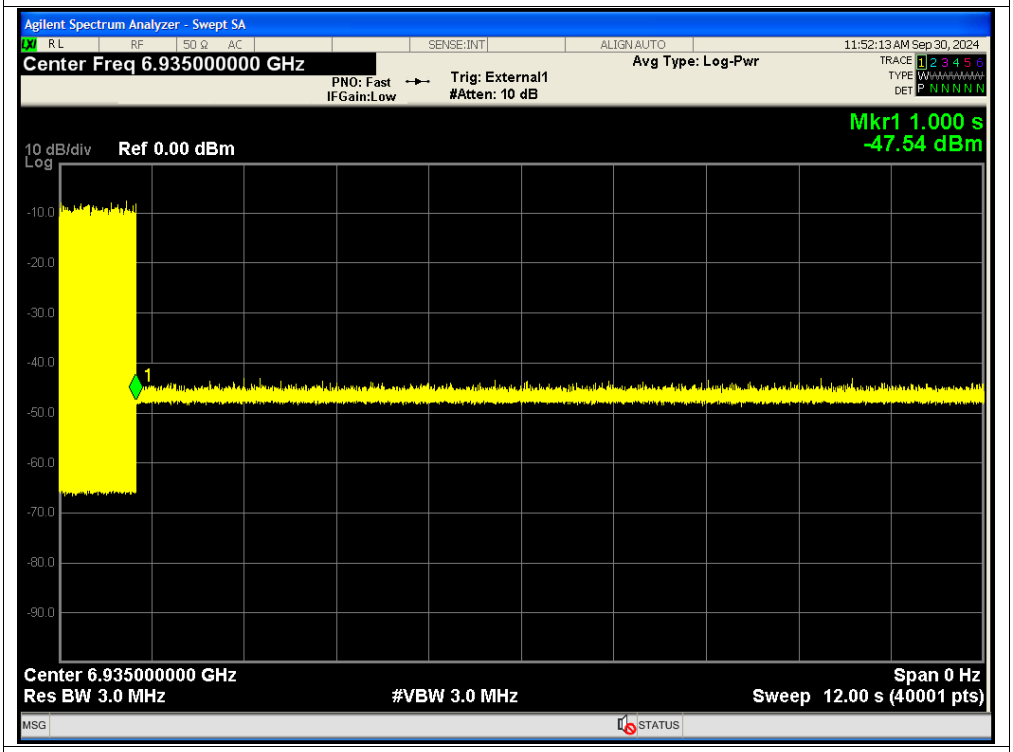
Contention Based Protocol NVNT be20 6935MHz Interfere 6935 MHz_1



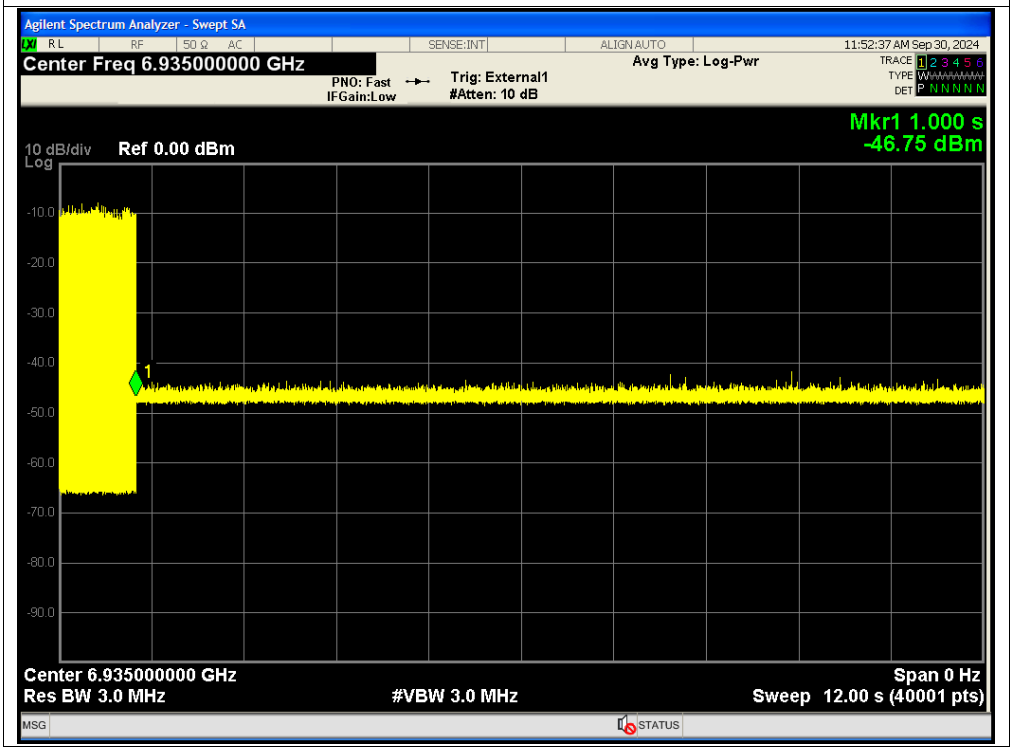
Contention Based Protocol NVNT be20 6935MHz Interfere 6935 MHz_2



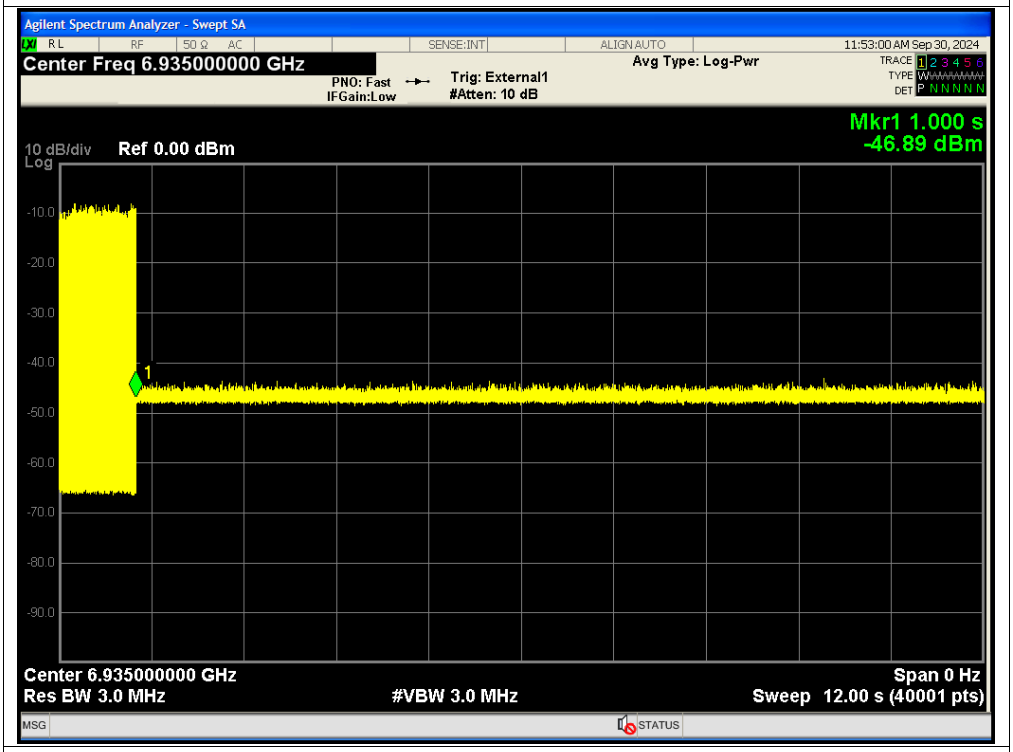
Contention Based Protocol NVNT be20 6935MHz Interfere 6935 MHz_3



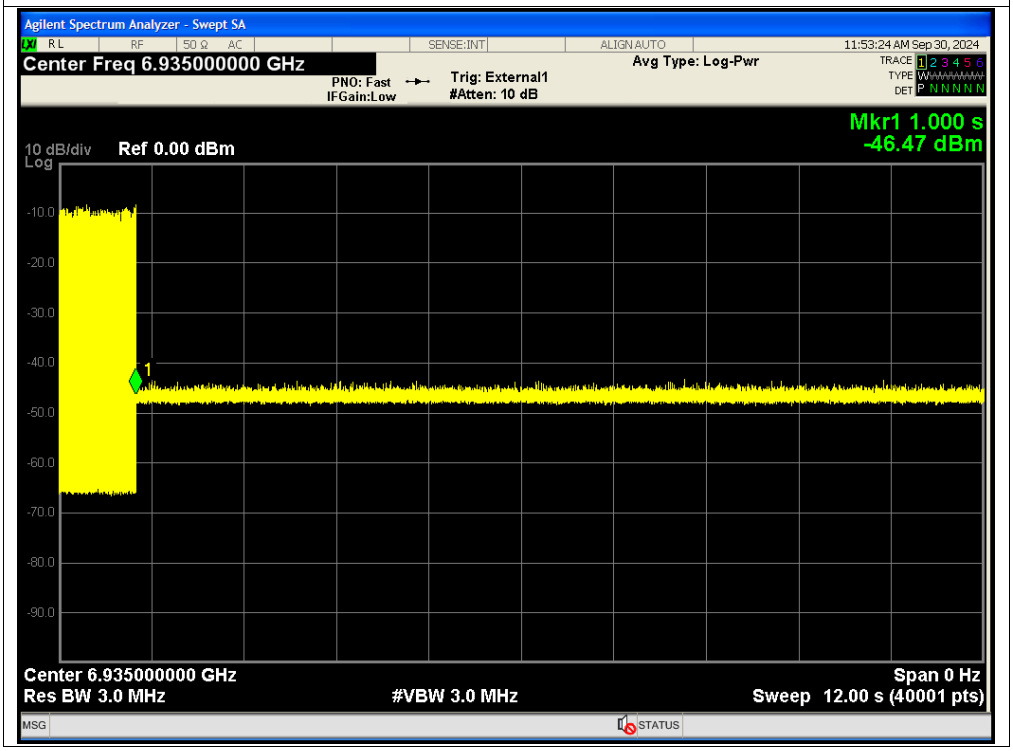
Contention Based Protocol NVNT be20 6935MHz Interfere 6935 MHz_4



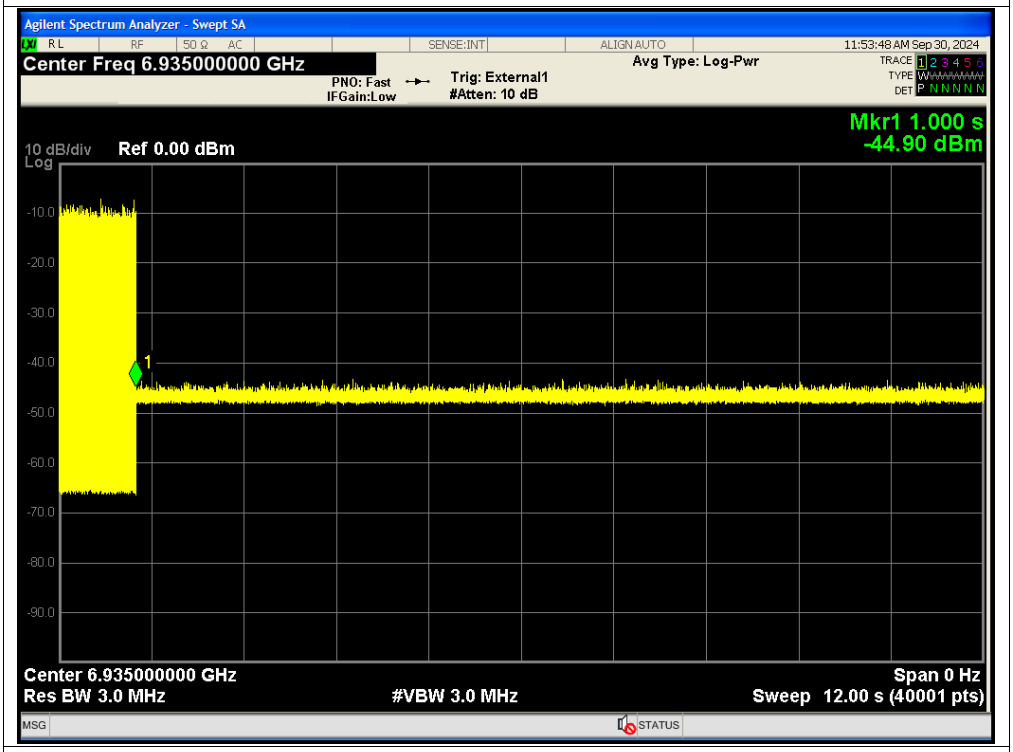
Contention Based Protocol NVNT be20 6935MHz Interfere 6935 MHz_5



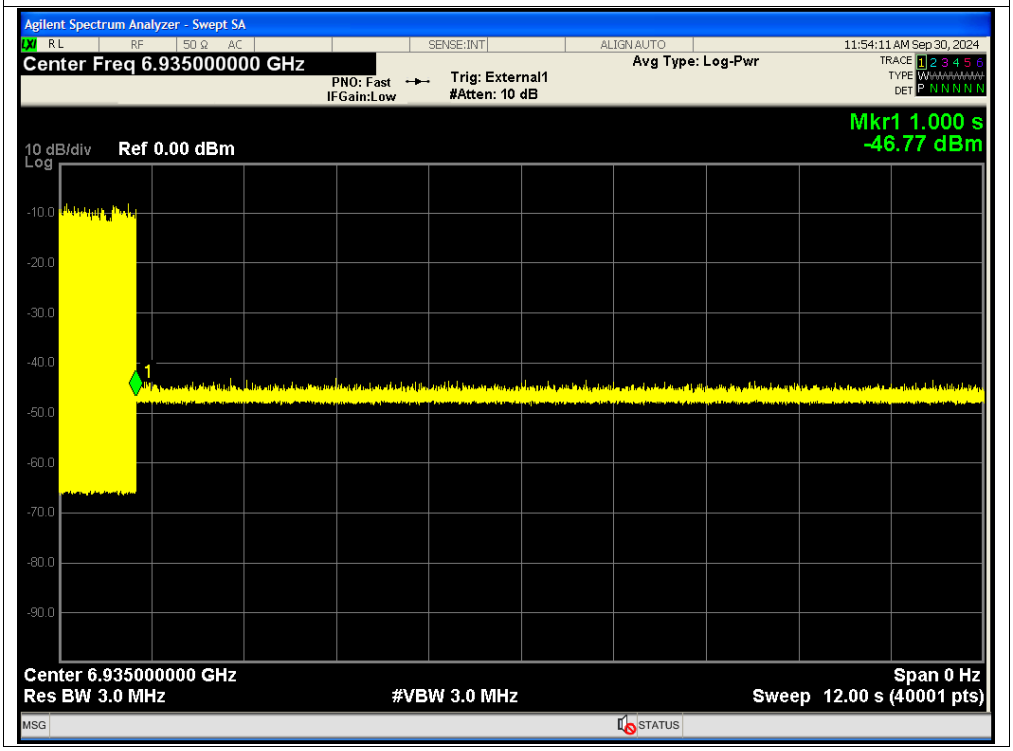
Contention Based Protocol NVNT be20 6935MHz Interfere 6935 MHz_6



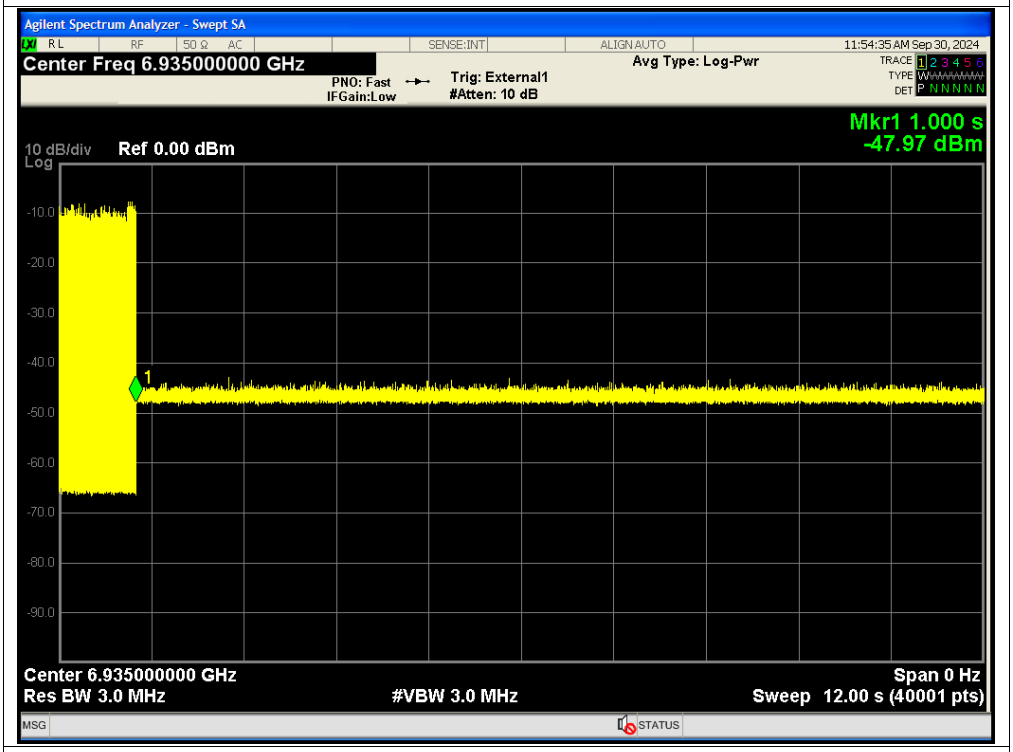
Contention Based Protocol NVNT be20 6935MHz Interfere 6935 MHz_7



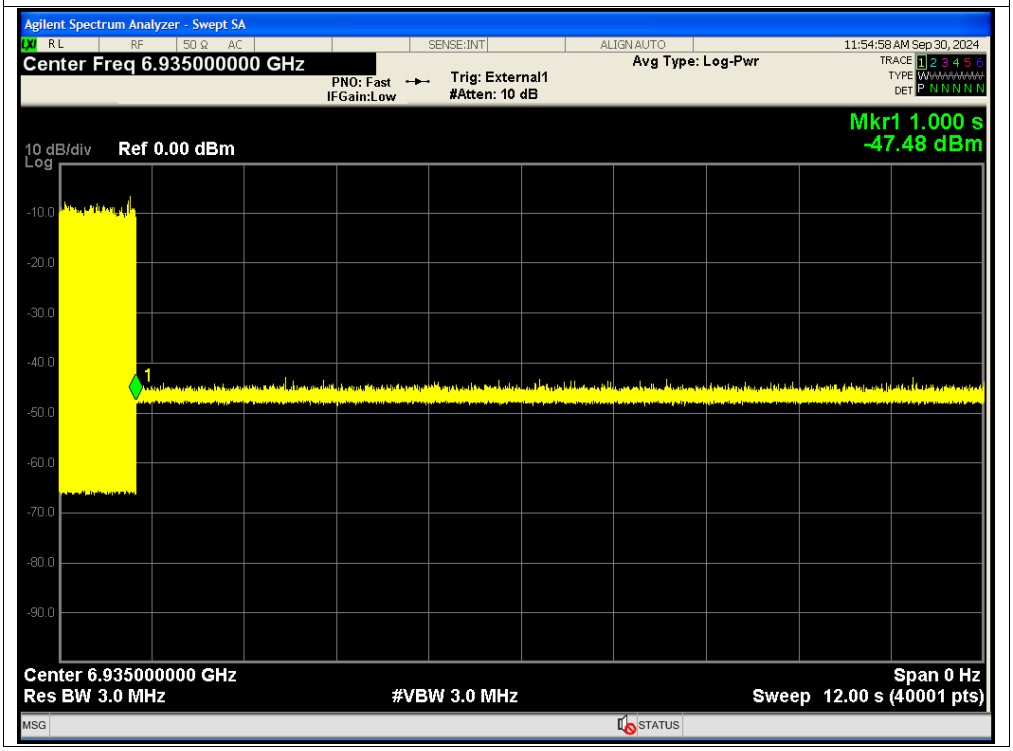
Contention Based Protocol NVNT be20 6935MHz Interfere 6935 MHz_8



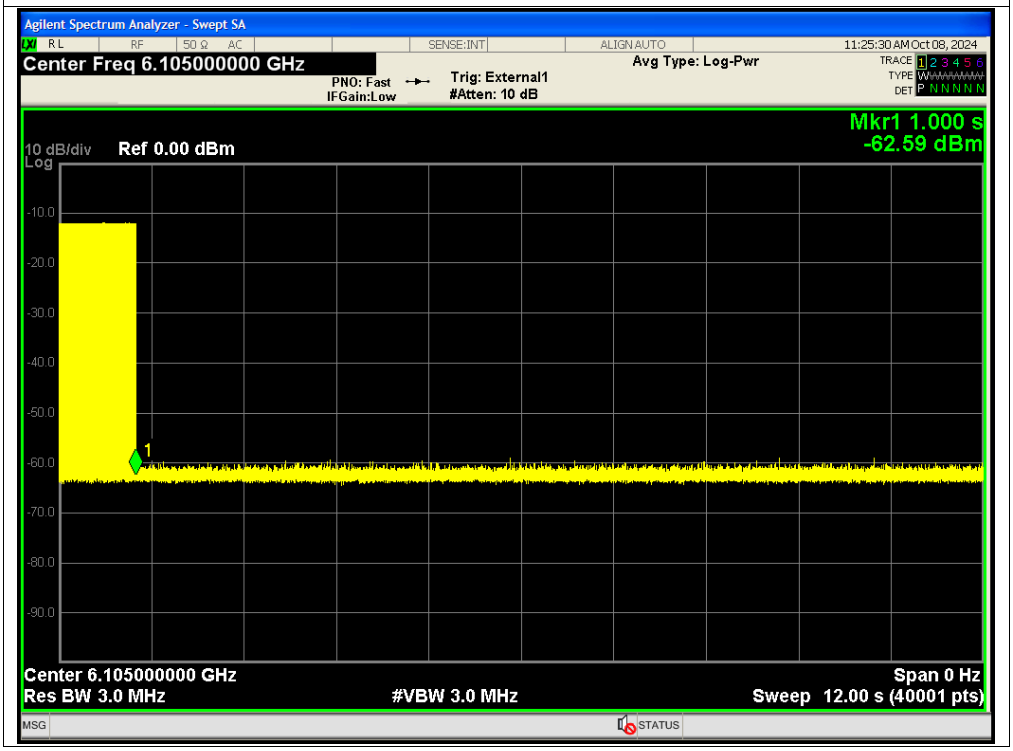
Contention Based Protocol NVNT be20 6935MHz Interfere 6935 MHz_9



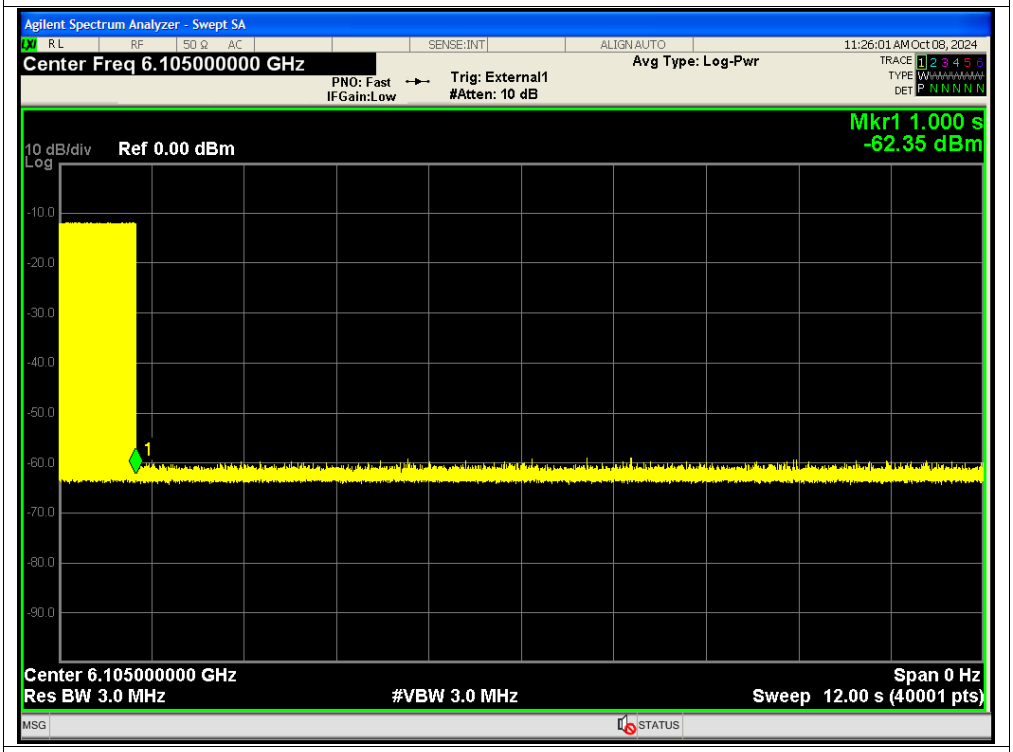
Contention Based Protocol NVNT be20 6935MHz Interfere 6935 MHz_10



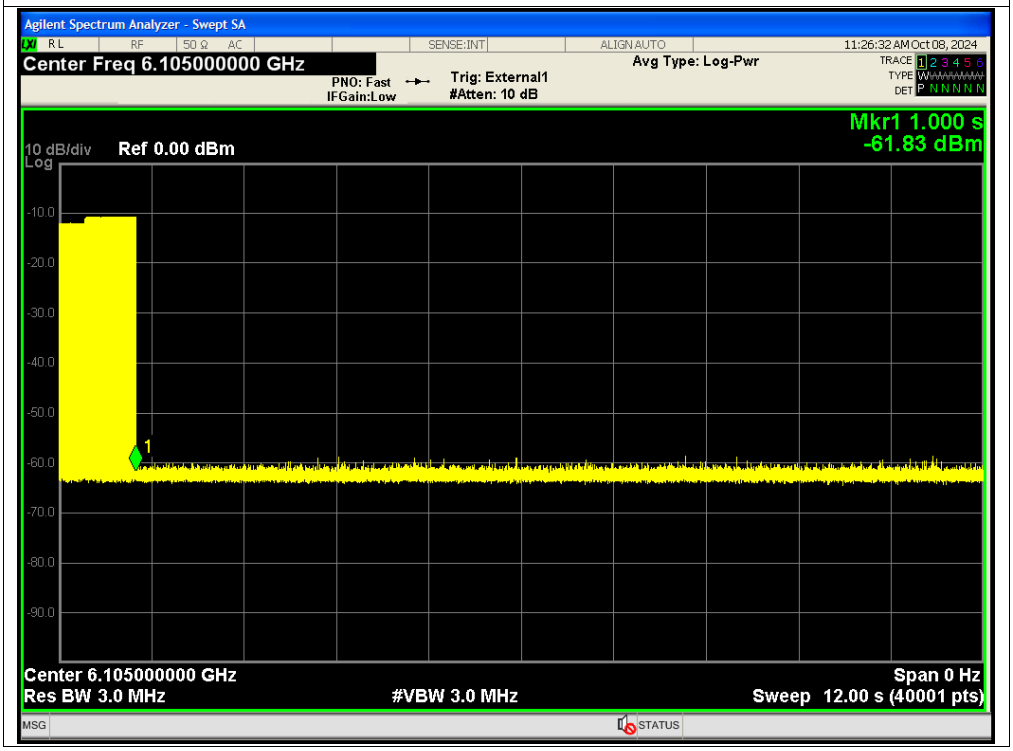
Contention Based Protocol NVNT be320 6105MHz Interfere 5950 MHz_1



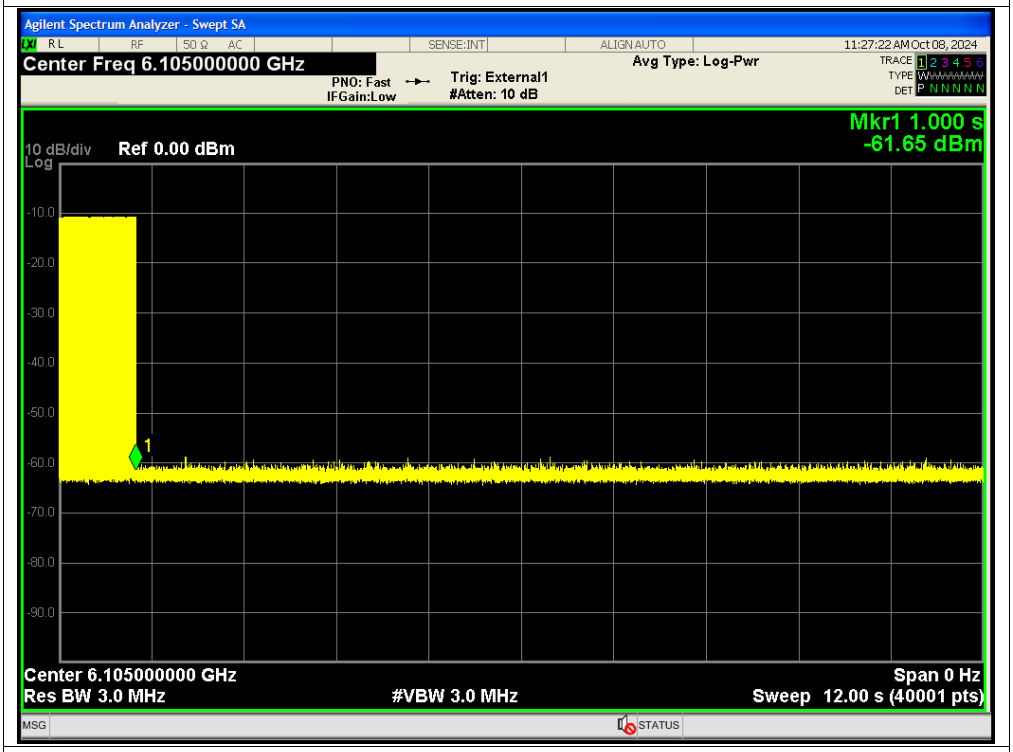
Contention Based Protocol NVNT be320 6105MHz Interfere 5950 MHz_2



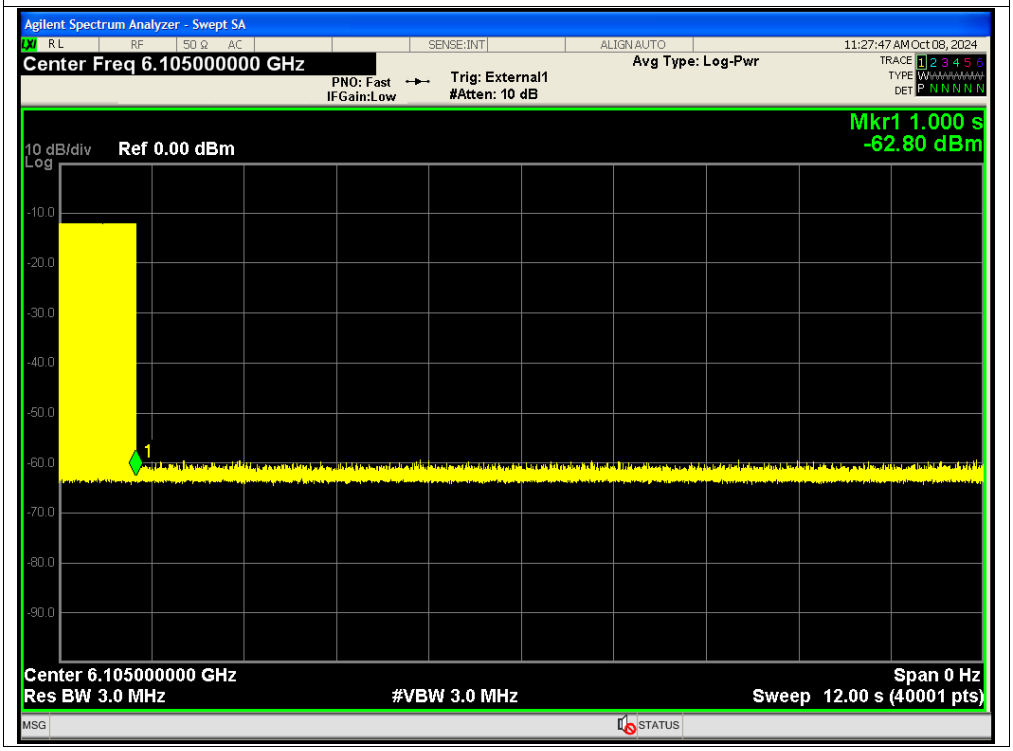
Contention Based Protocol NVNT be320 6105MHz Interfere 5950 MHz_3



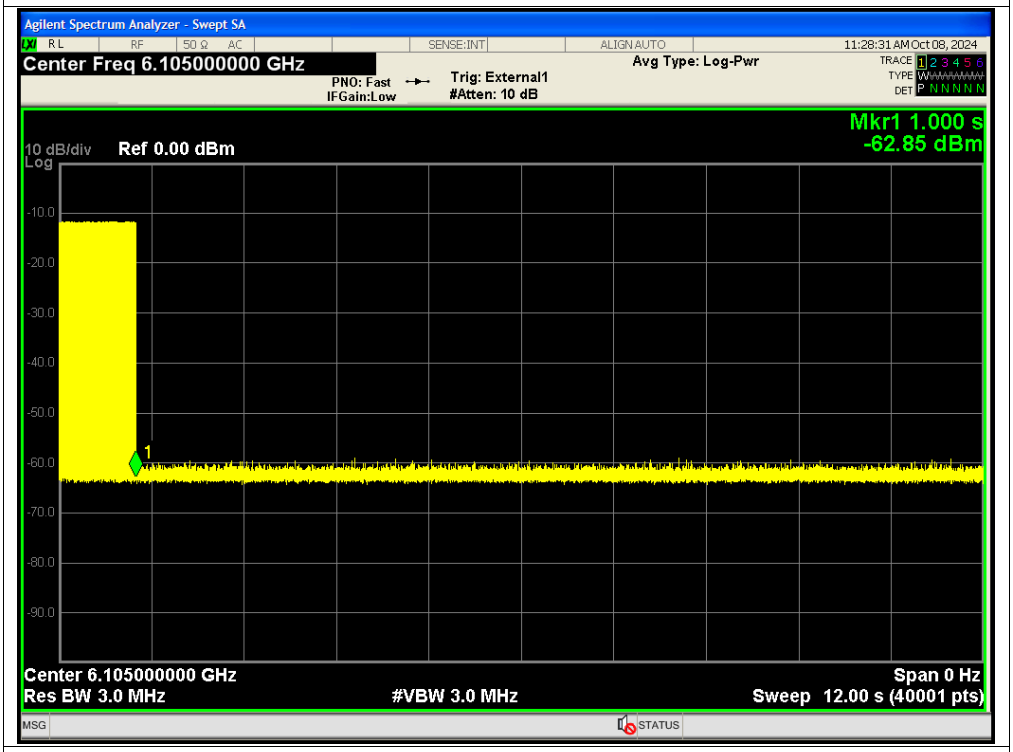
Contention Based Protocol NVNT be320 6105MHz Interfere 5950 MHz_4



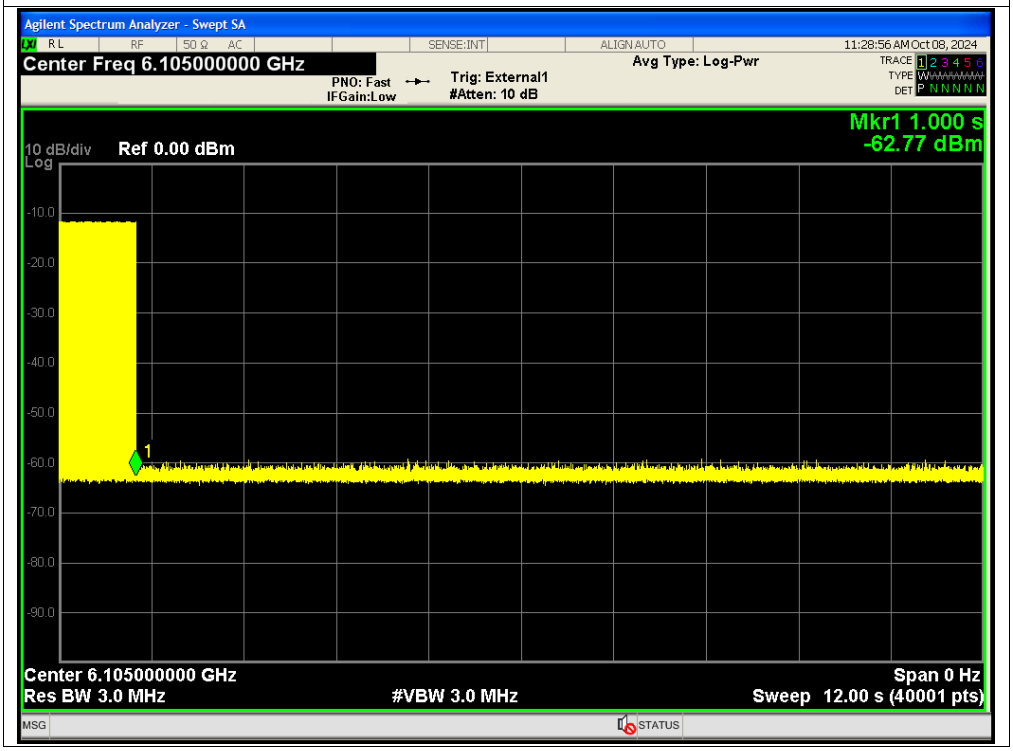
Contention Based Protocol NVNT be320 6105MHz Interfere 5950 MHz_5



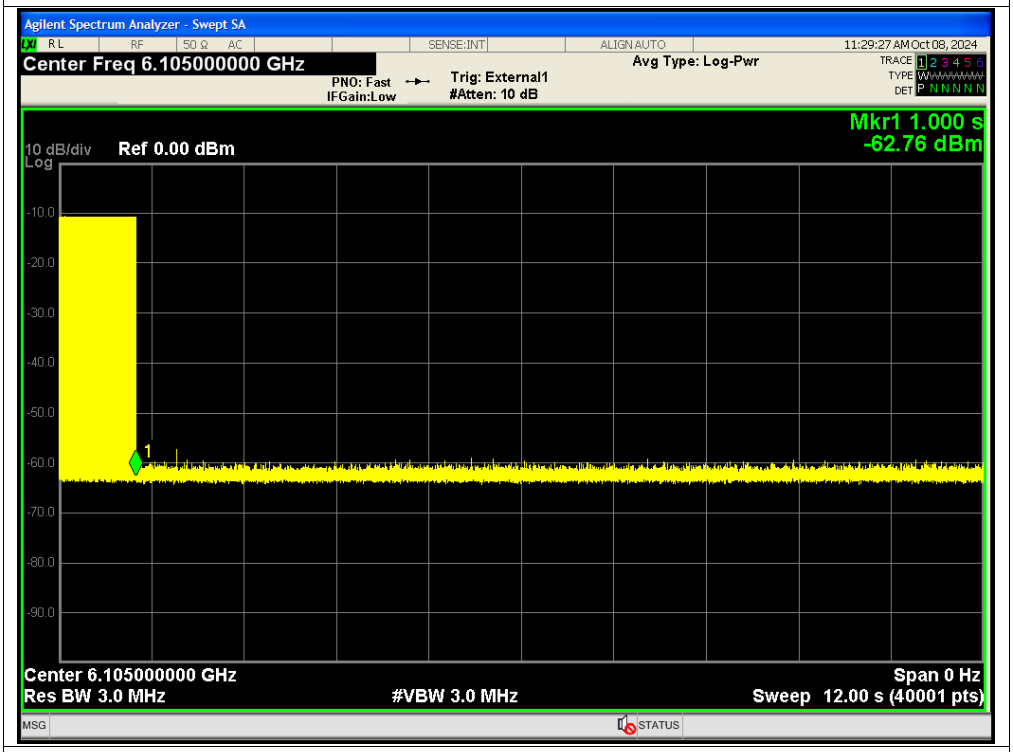
Contention Based Protocol NVNT be320 6105MHz Interfere 5950 MHz_6



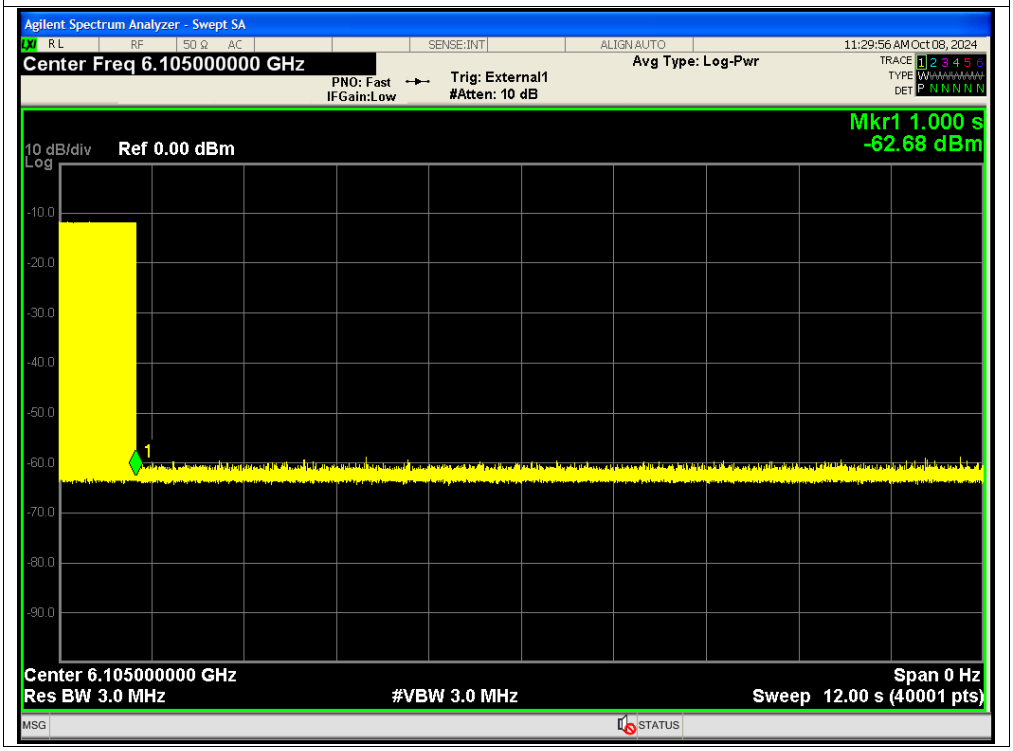
Contention Based Protocol NVNT be320 6105MHz Interfere 5950 MHz_7



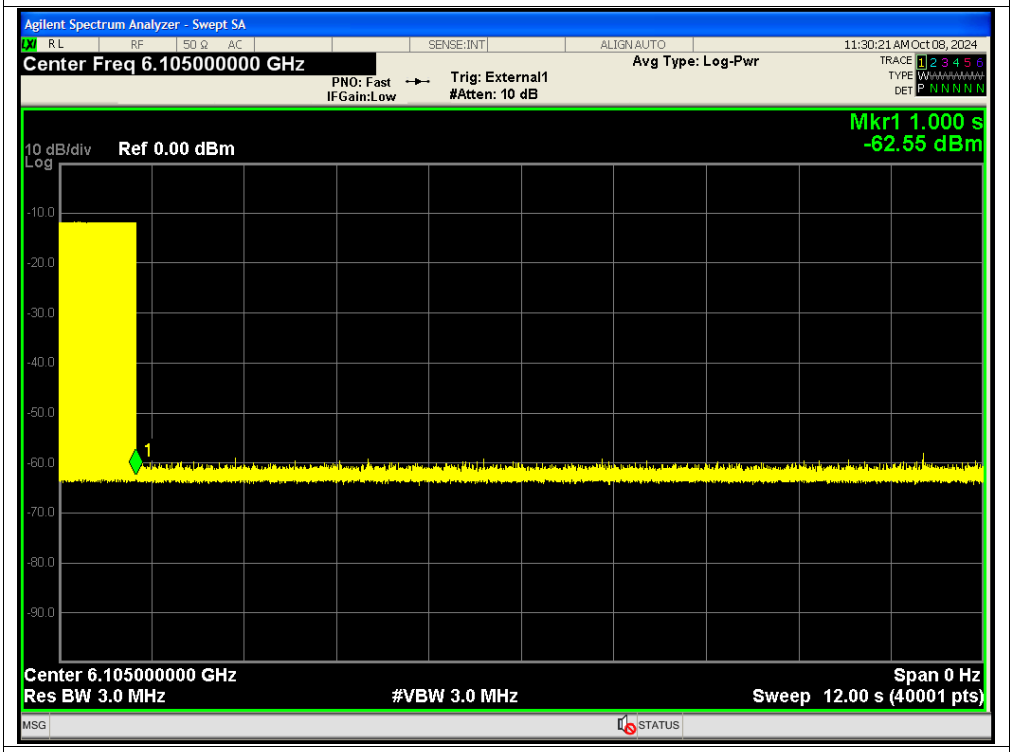
Contention Based Protocol NVNT be320 6105MHz Interfere 5950 MHz_8



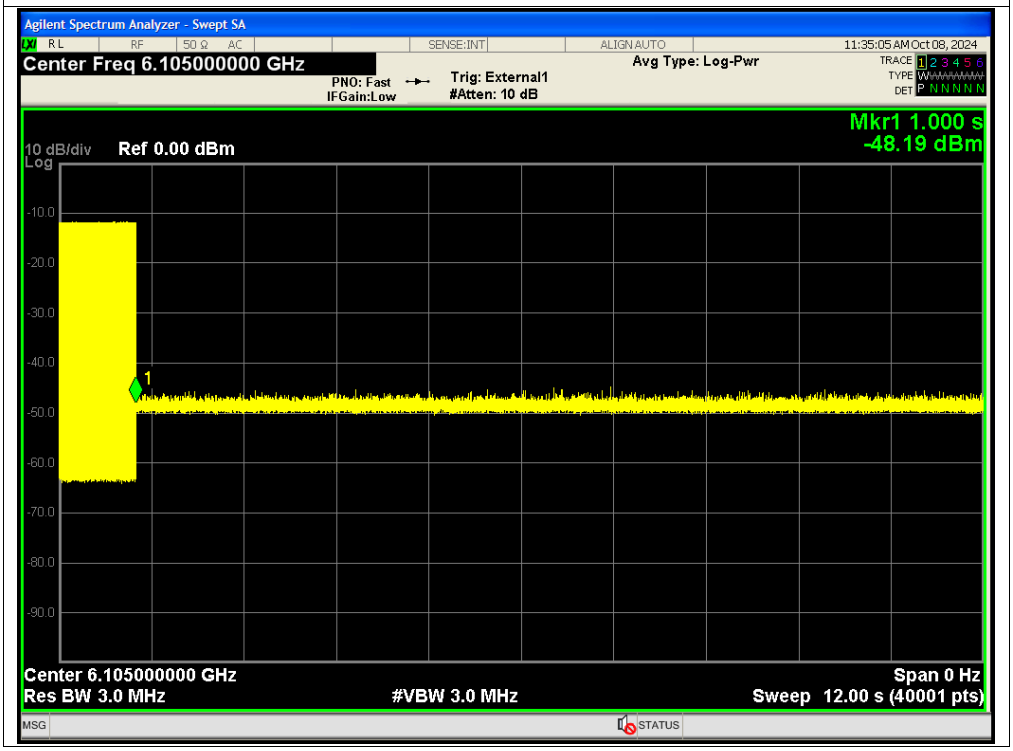
Contention Based Protocol NVNT be320 6105MHz Interfere 5950 MHz_9



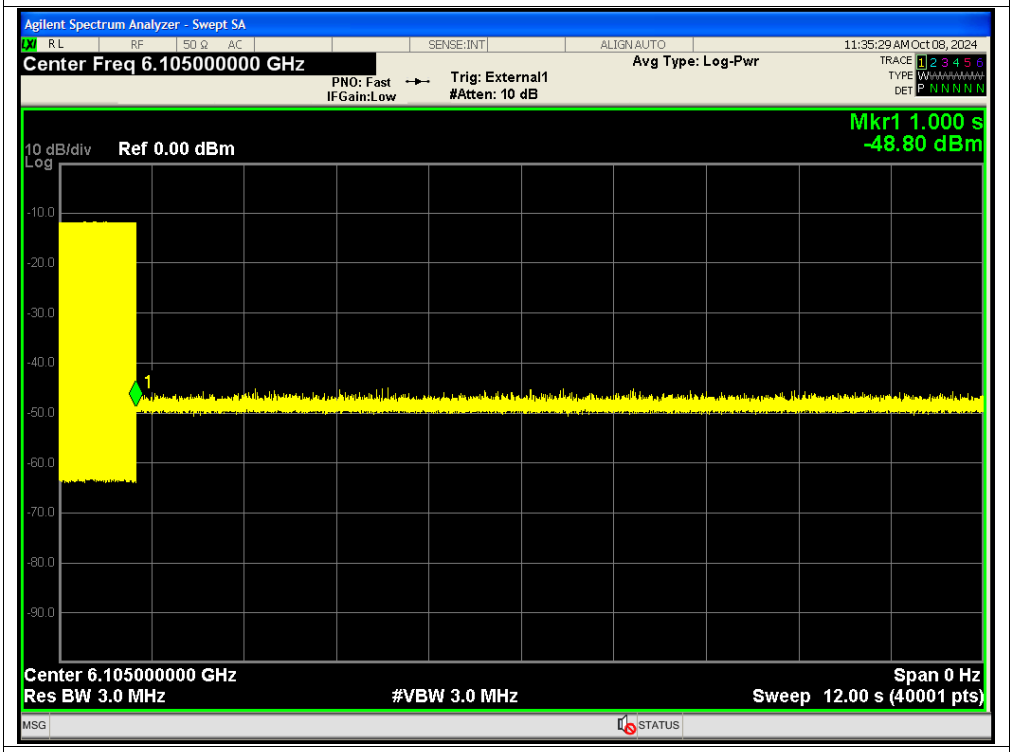
Contention Based Protocol NVNT be320 6105MHz Interfere 5950 MHz_10



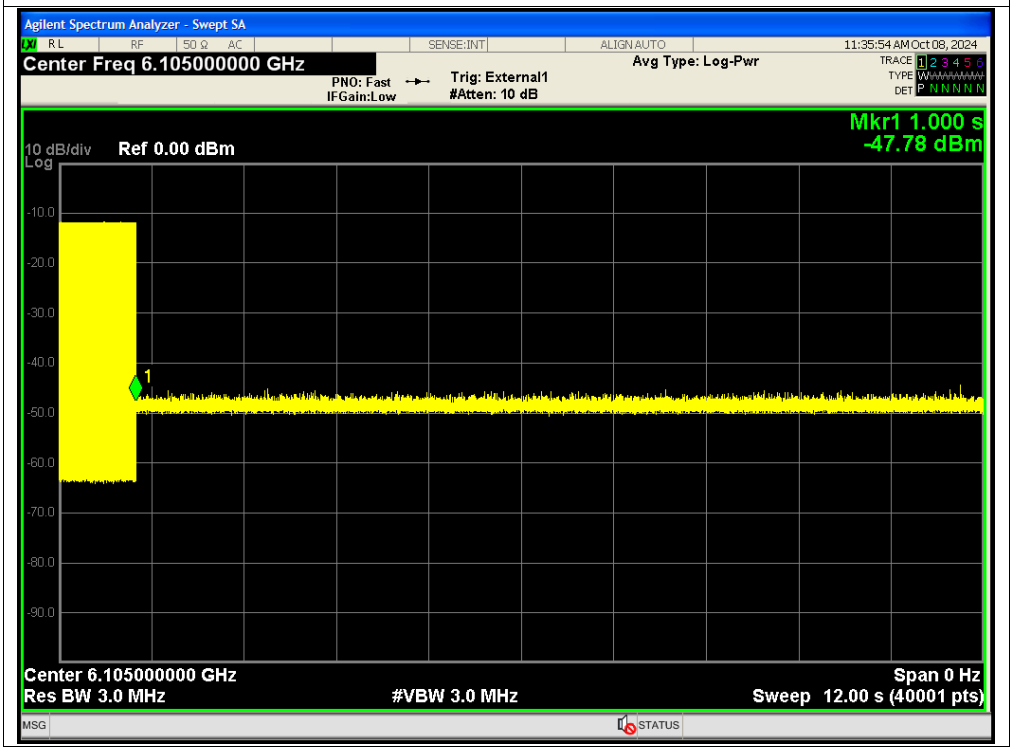
Contention Based Protocol NVNT be320 6105MHz Interfere 6105 MHz_1



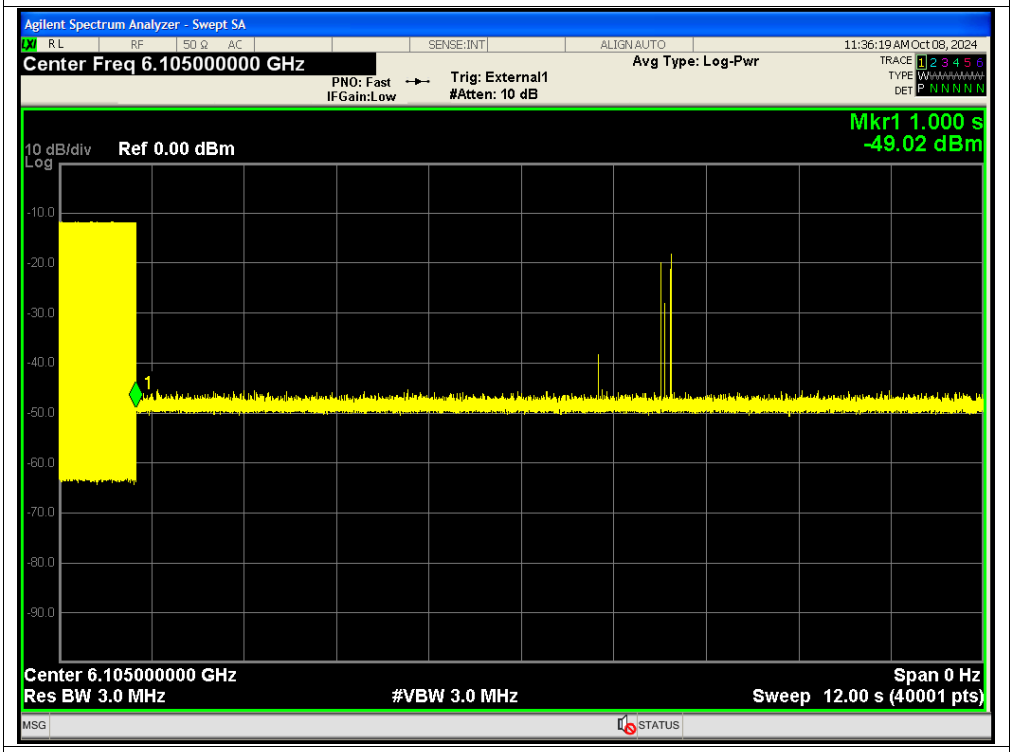
Contention Based Protocol NVNT be320 6105MHz Interfere 6105 MHz_2



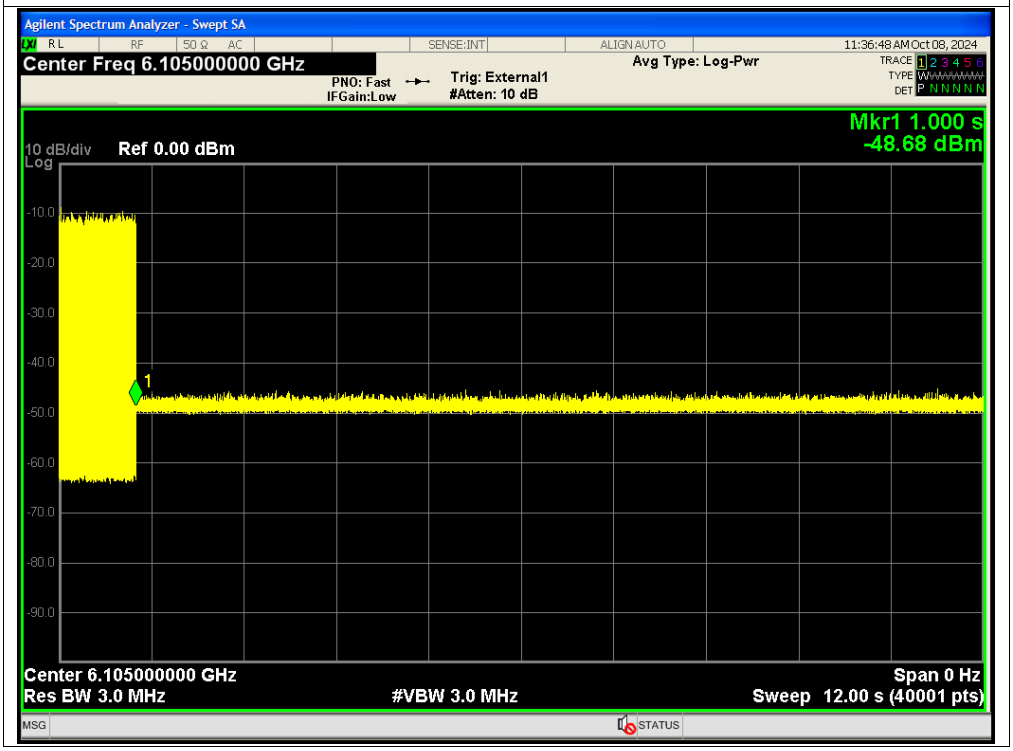
Contention Based Protocol NVNT be320 6105MHz Interfere 6105 MHz_3



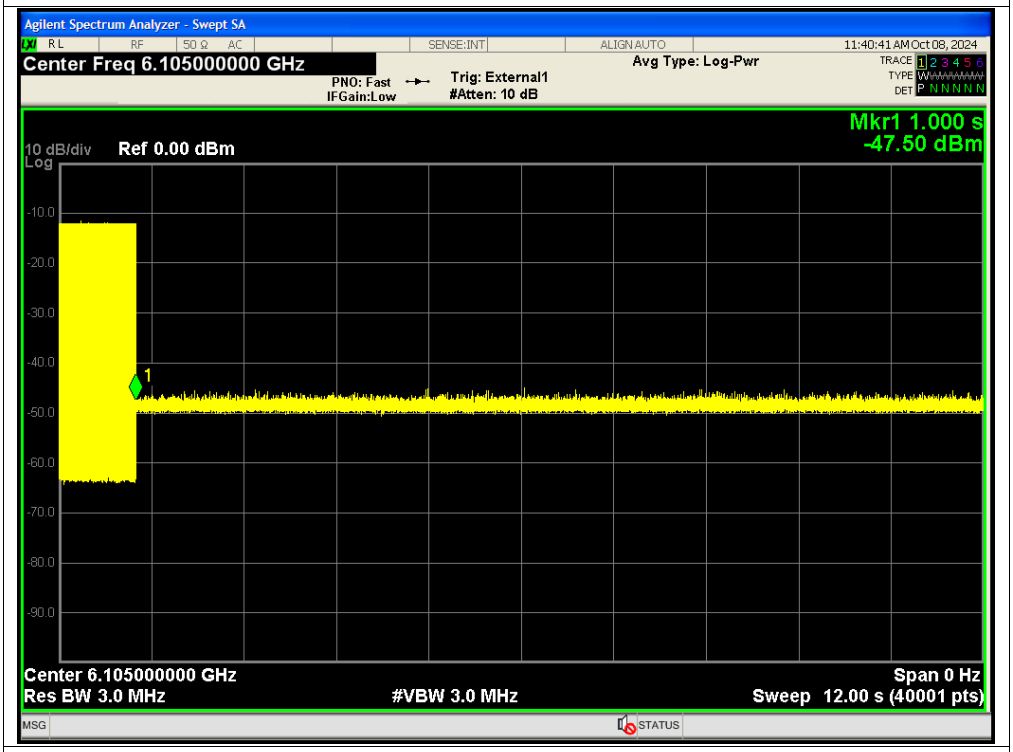
Contention Based Protocol NVNT be320 6105MHz Interfere 6105 MHz_4



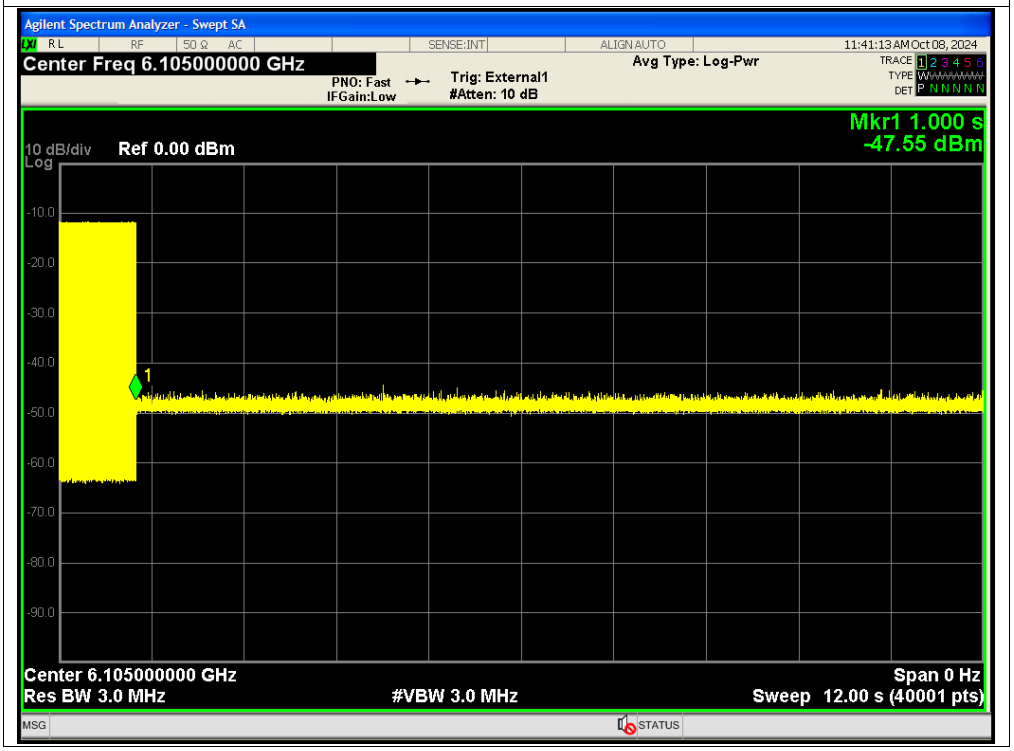
Contention Based Protocol NVNT be320 6105MHz Interfere 6105 MHz_5



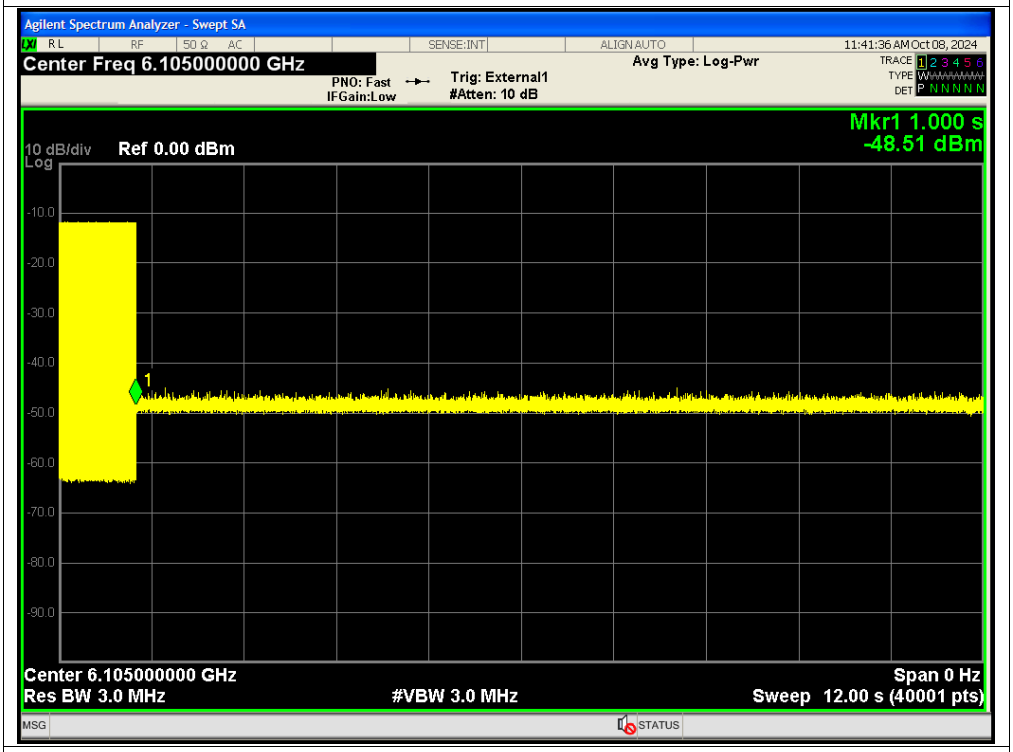
Contention Based Protocol NVNT be320 6105MHz Interfere 6105 MHz_6



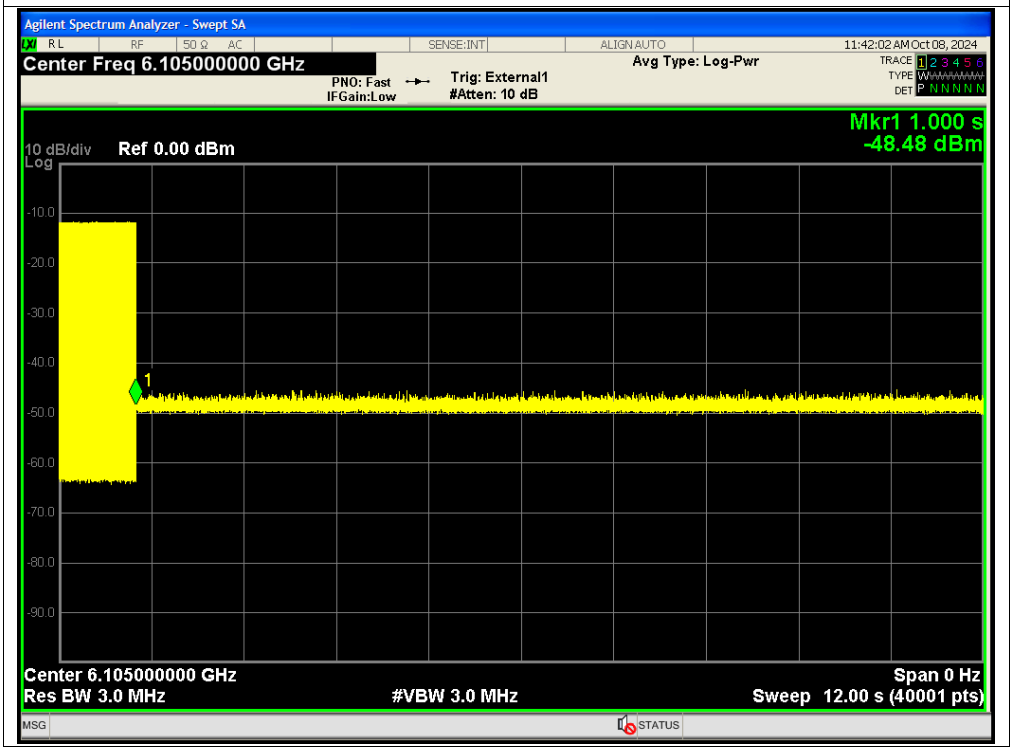
Contention Based Protocol NVNT be320 6105MHz Interfere 6105 MHz_7



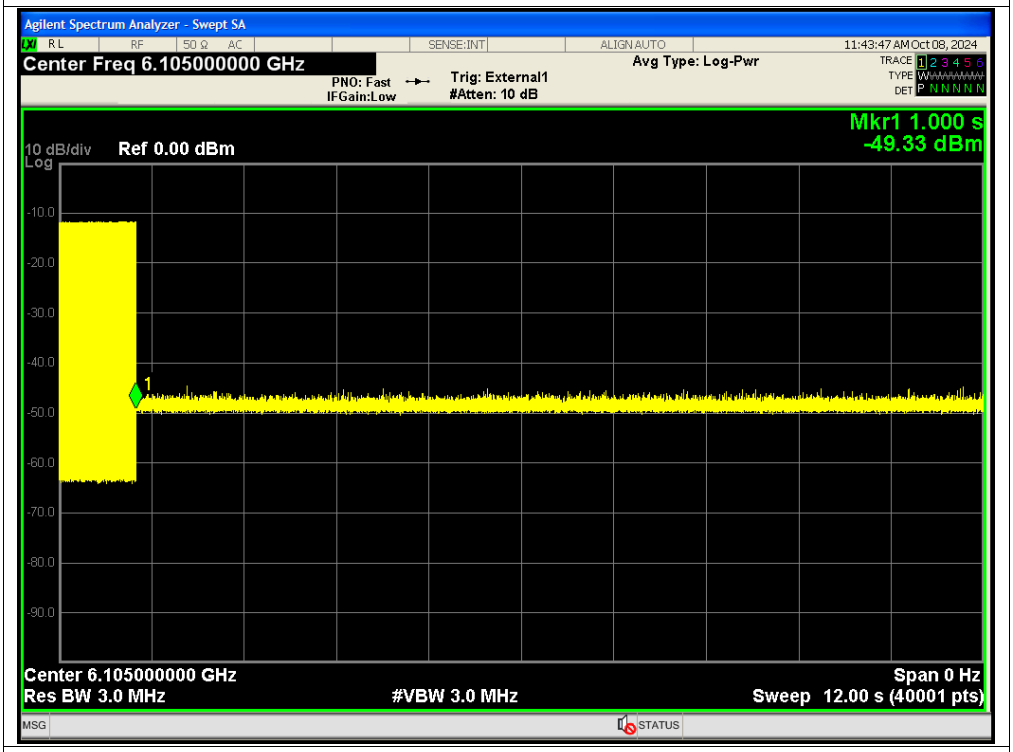
Contention Based Protocol NVNT be320 6105MHz Interfere 6105 MHz_8



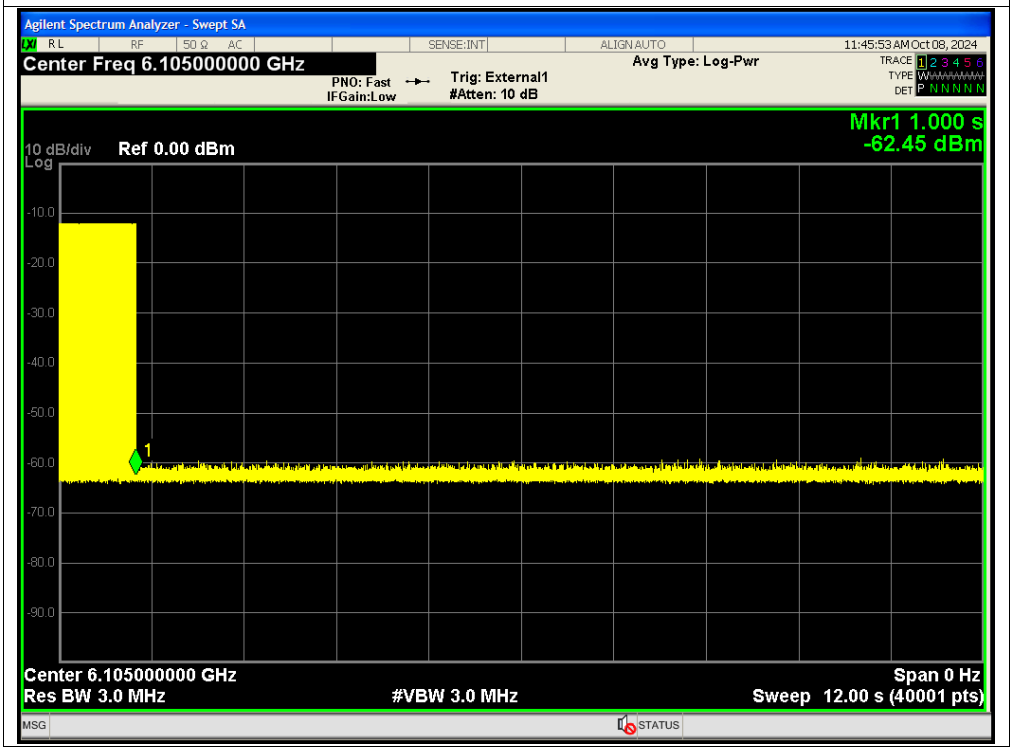
Contention Based Protocol NVNT be320 6105MHz Interfere 6105 MHz_9



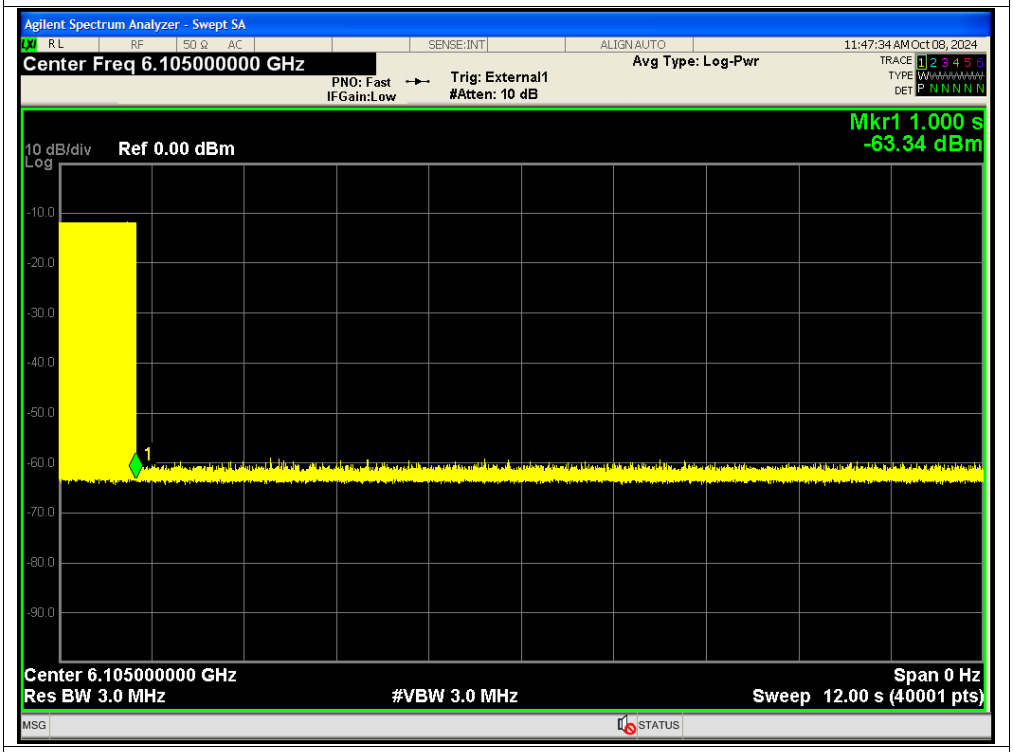
Contention Based Protocol NVNT be320 6105MHz Interfere 6105 MHz_10



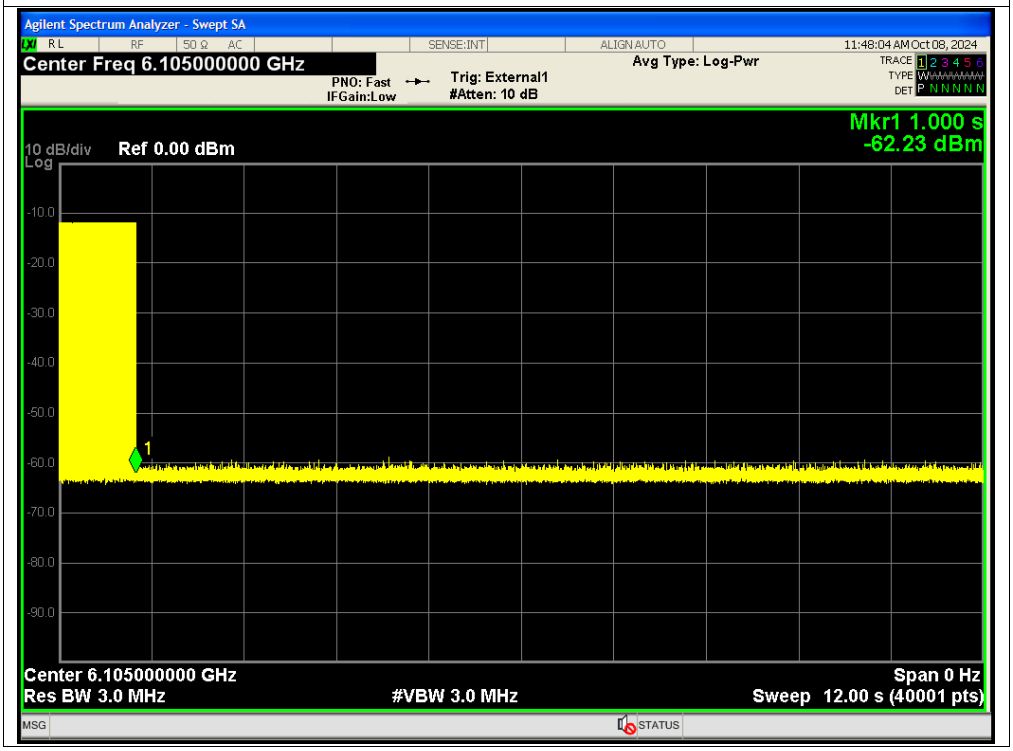
Contention Based Protocol NVNT be320 6105MHz Interfere 6260 MHz_1



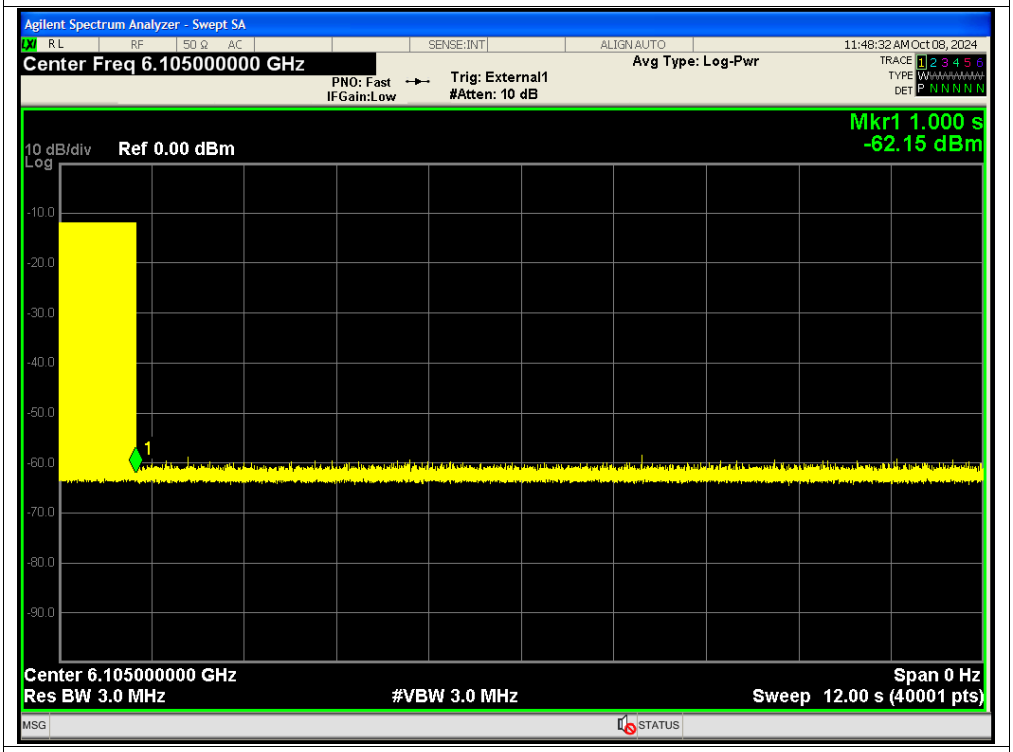
Contention Based Protocol NVNT be320 6105MHz Interfere 6260 MHz_2



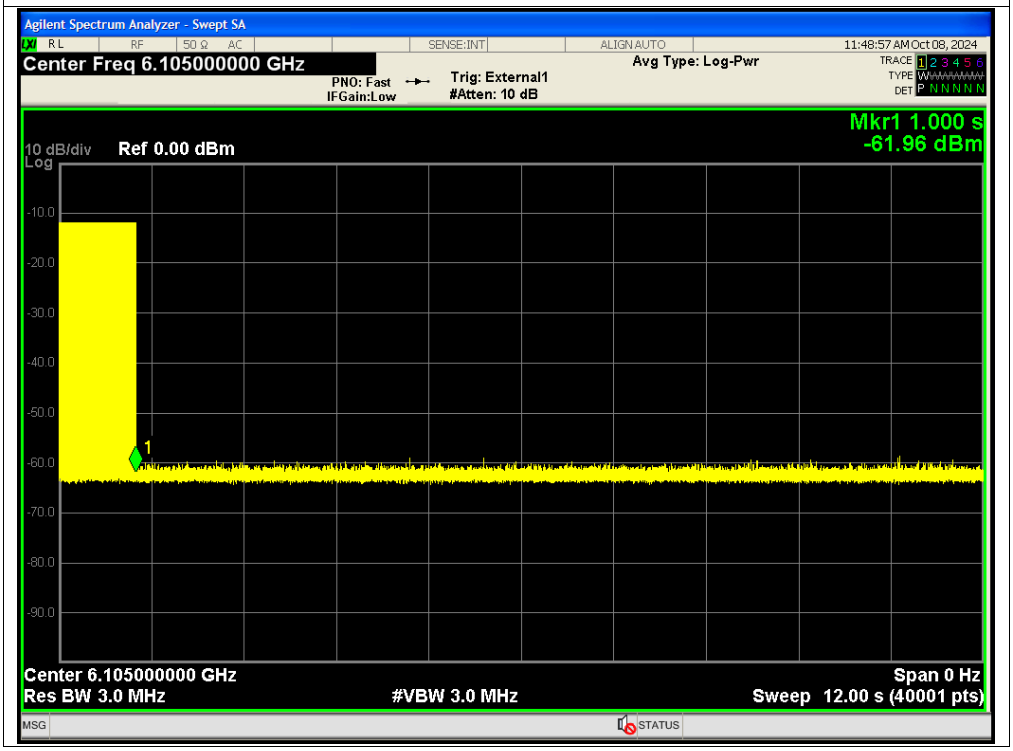
Contention Based Protocol NVNT be320 6105MHz Interfere 6260 MHz_3



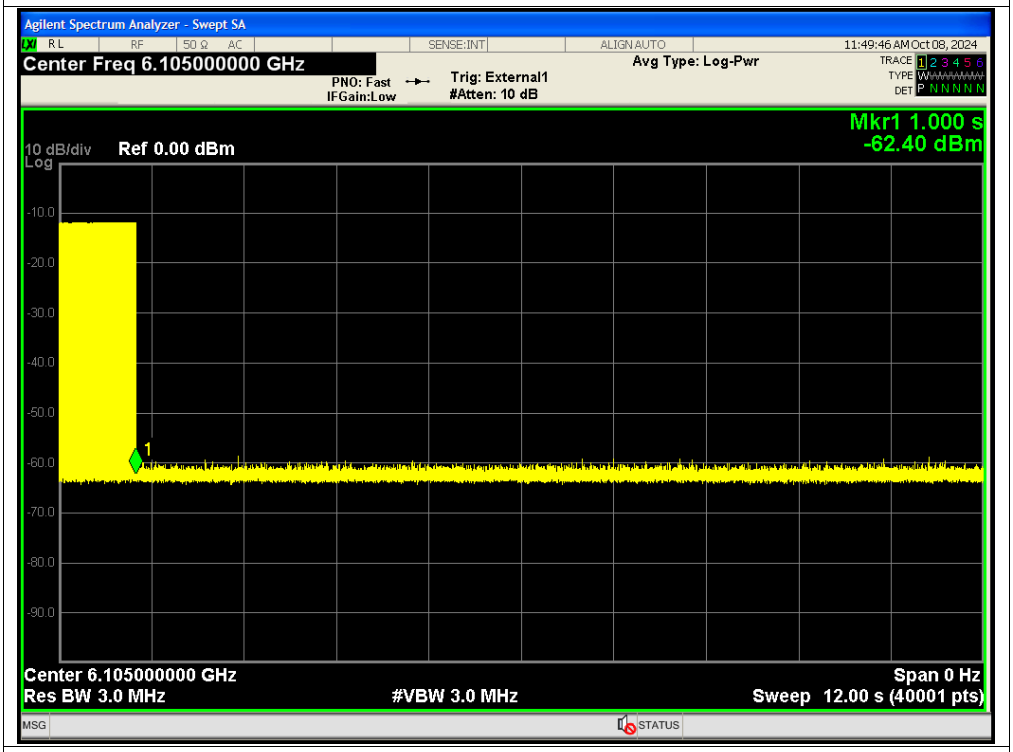
Contention Based Protocol NVNT be320 6105MHz Interfere 6260 MHz_4



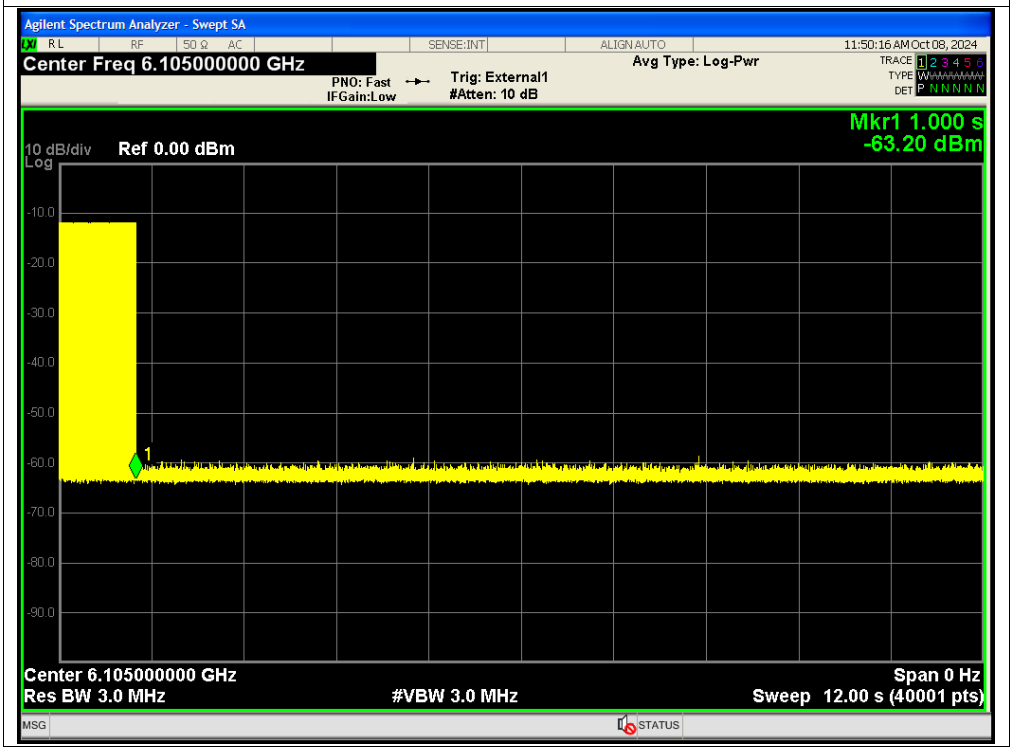
Contention Based Protocol NVNT be320 6105MHz Interfere 6260 MHz_5



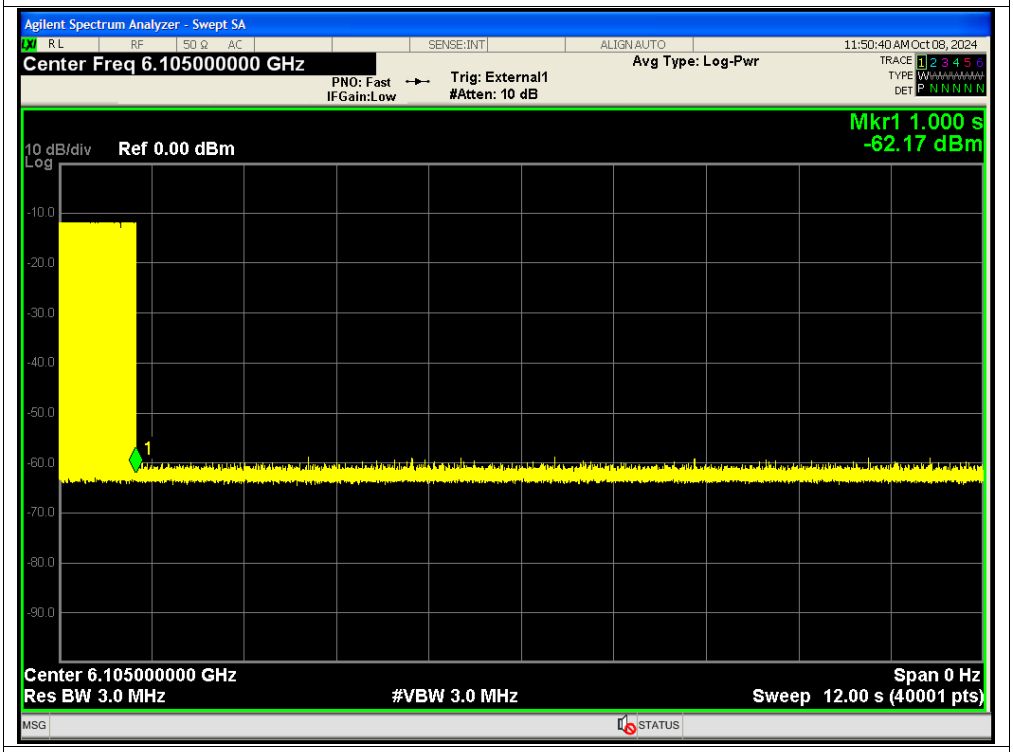
Contention Based Protocol NVNT be320 6105MHz Interfere 6260 MHz_6



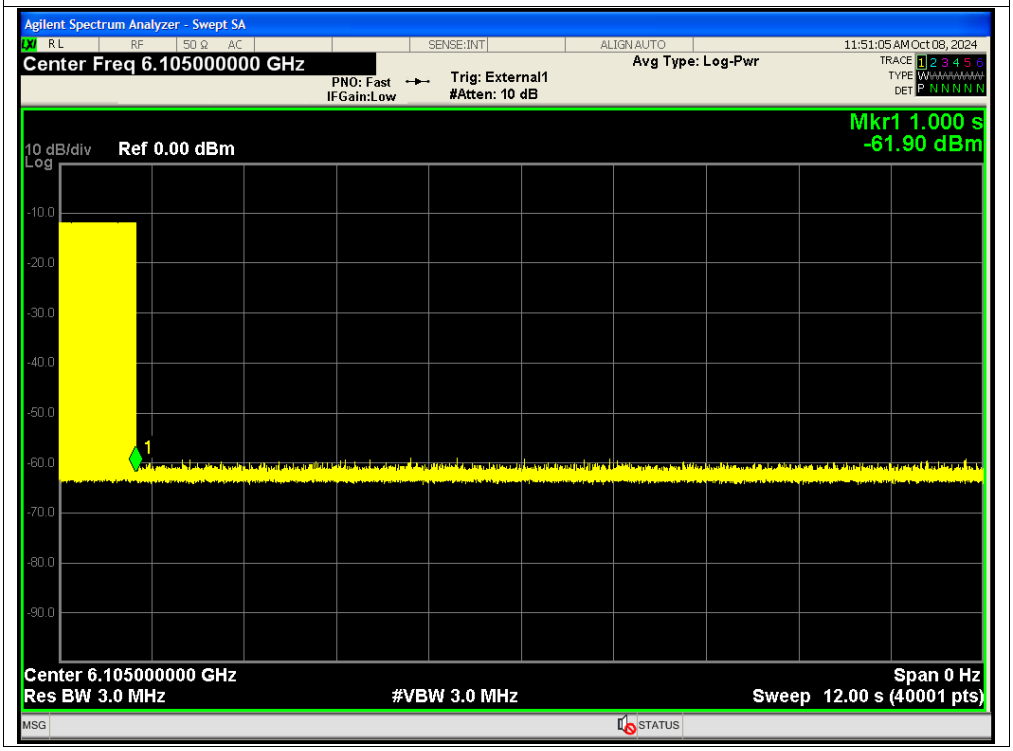
Contention Based Protocol NVNT be320 6105MHz Interfere 6260 MHz_7



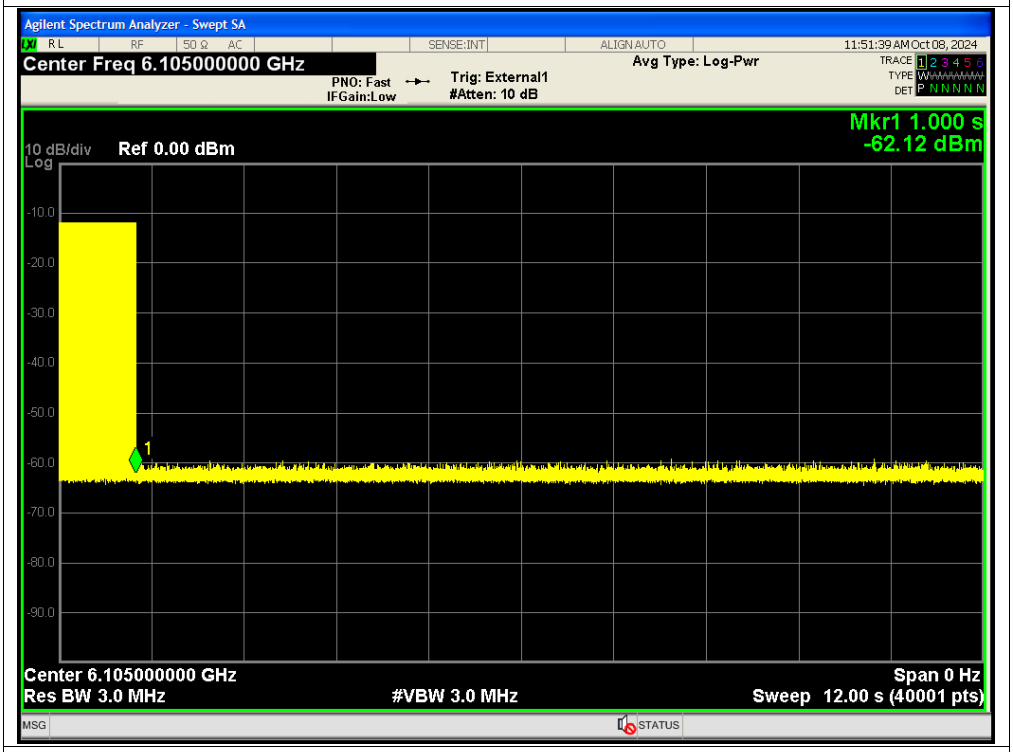
Contention Based Protocol NVNT be320 6105MHz Interfere 6260 MHz_8



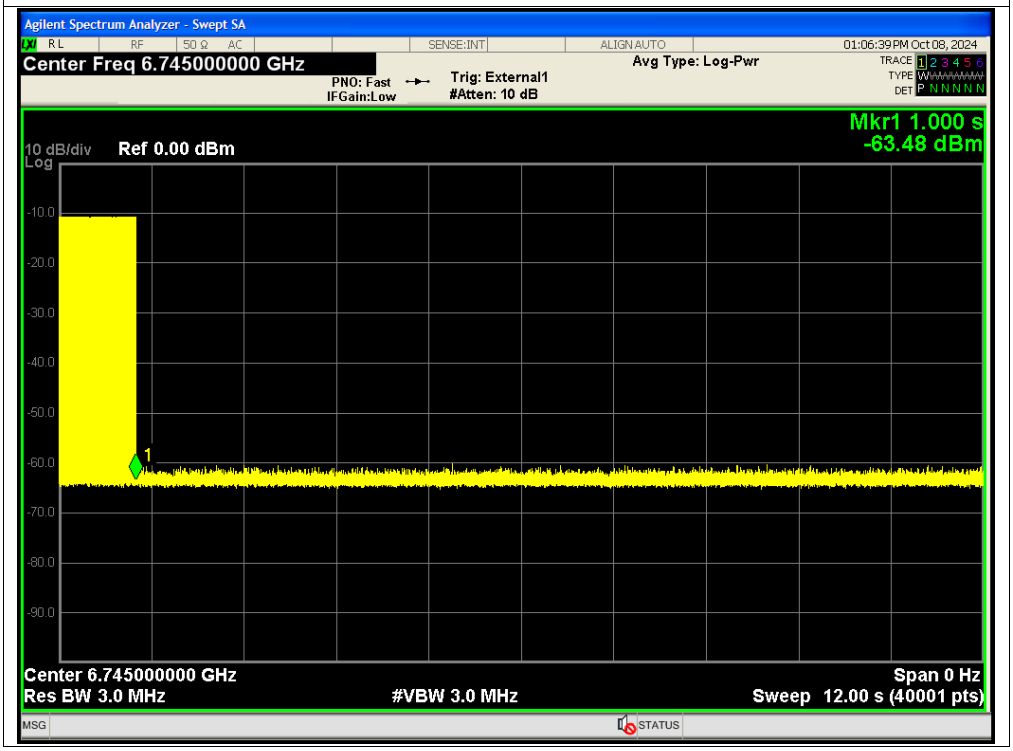
Contention Based Protocol NVNT be320 6105MHz Interfere 6260 MHz_9



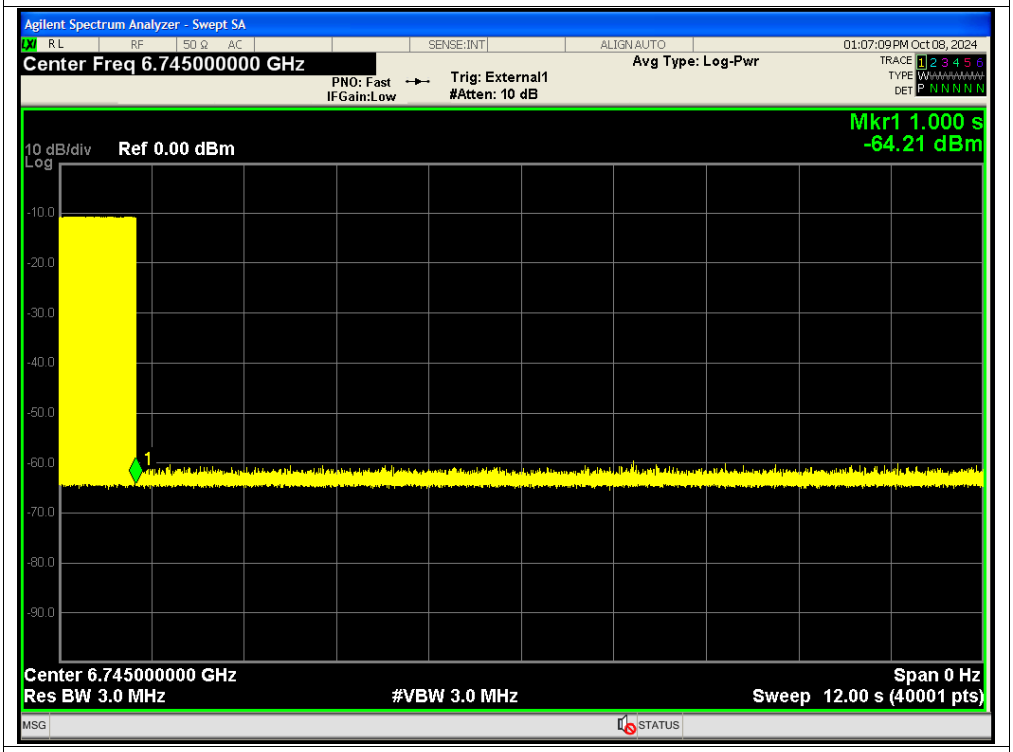
Contention Based Protocol NVNT be320 6105MHz Interfere 6260 MHz_10



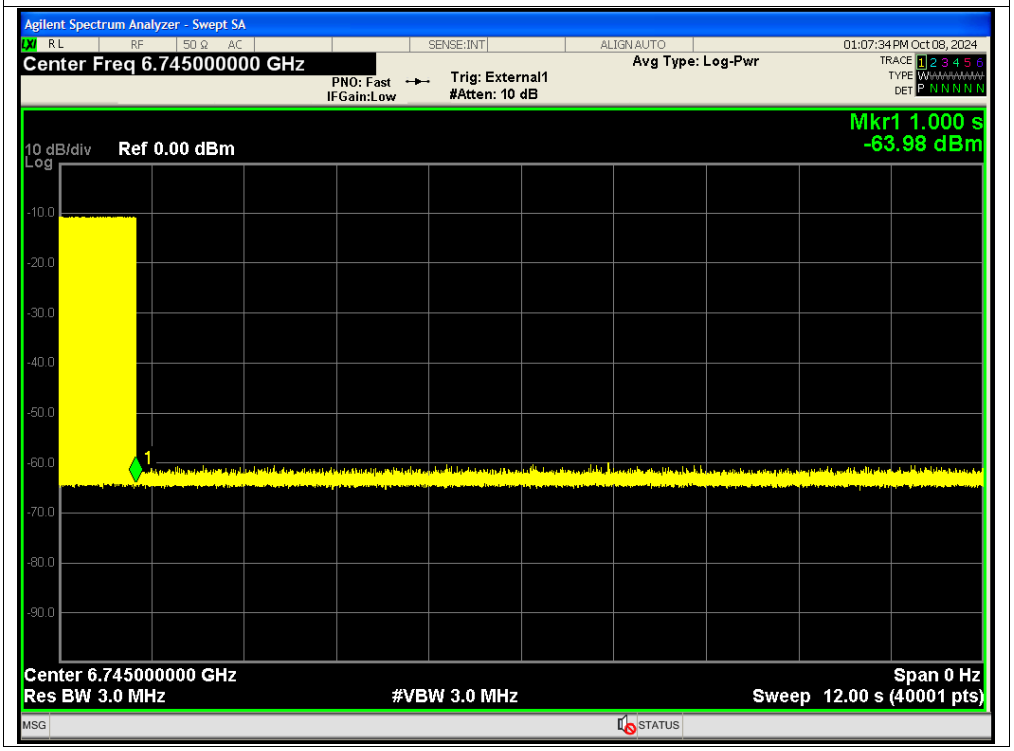
Contention Based Protocol NVNT be320 6745MHz Interfere 6590 MHz_1



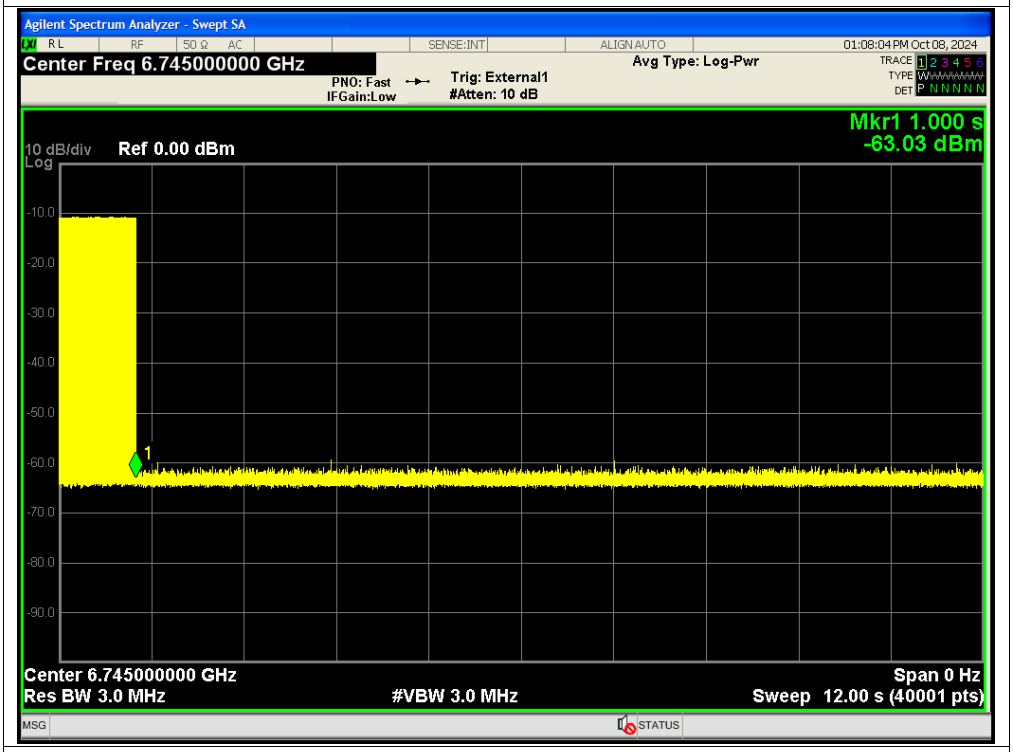
Contention Based Protocol NVNT be320 6745MHz Interfere 6590 MHz_2



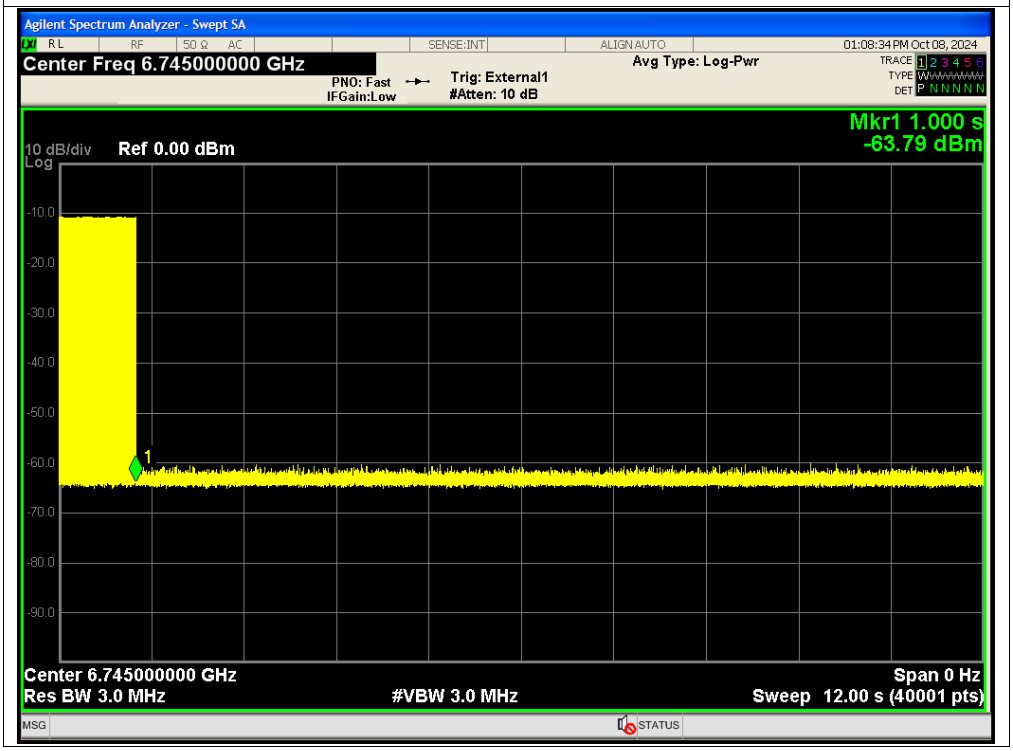
Contention Based Protocol NVNT be320 6745MHz Interfere 6590 MHz_3



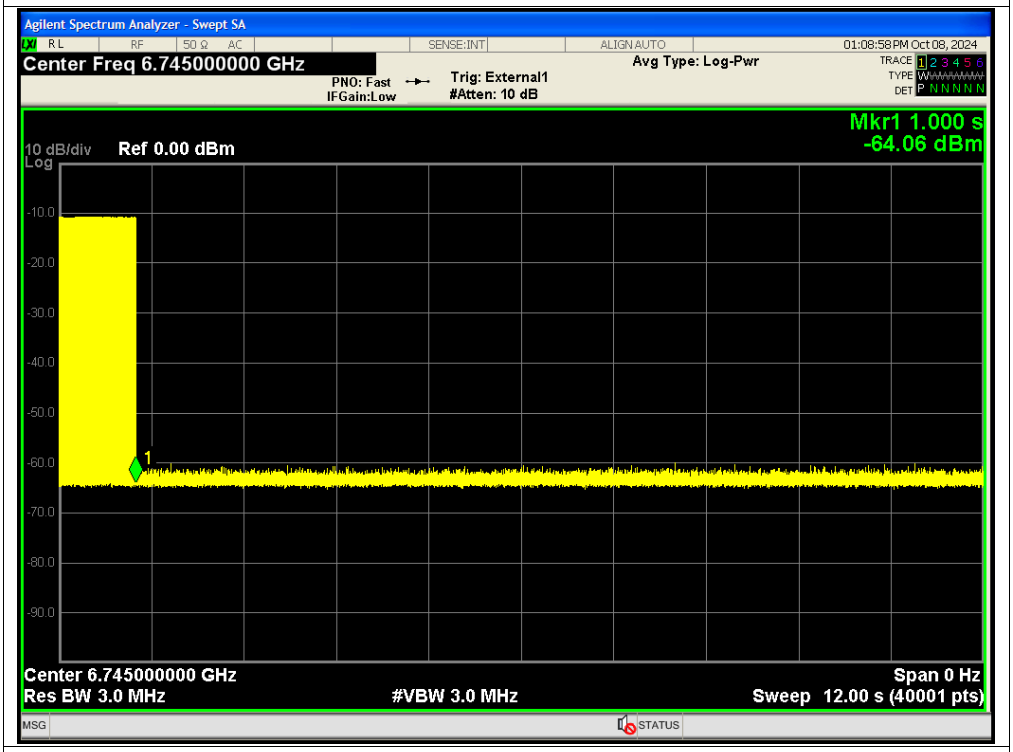
Contention Based Protocol NVNT be320 6745MHz Interfere 6590 MHz_4



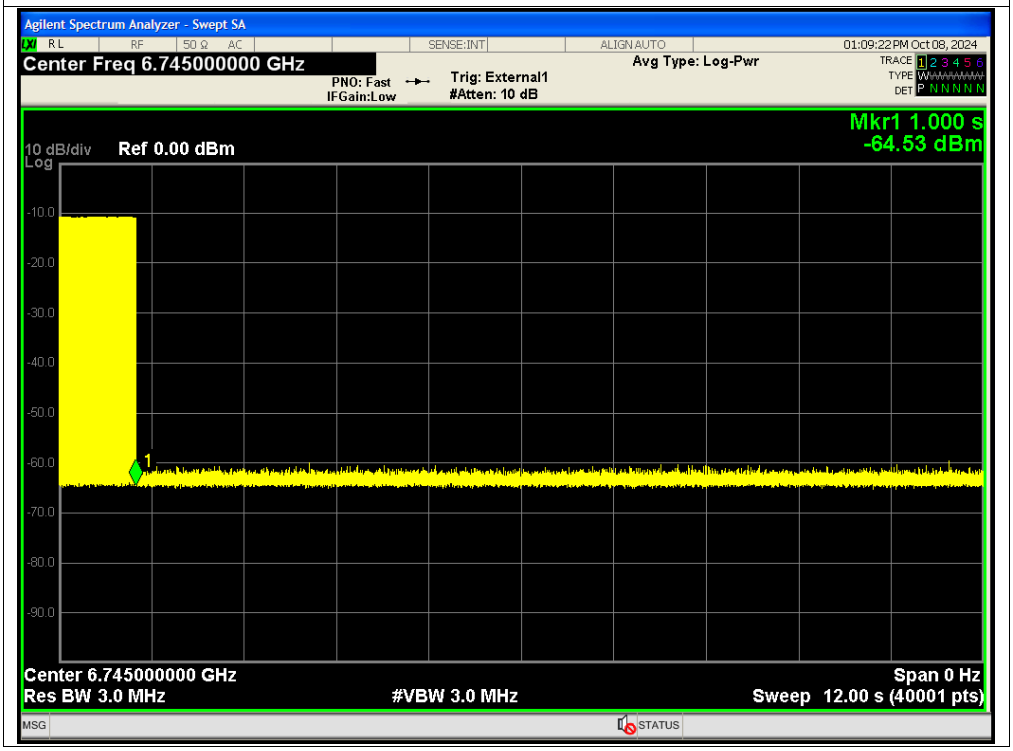
Contention Based Protocol NVNT be320 6745MHz Interfere 6590 MHz_5



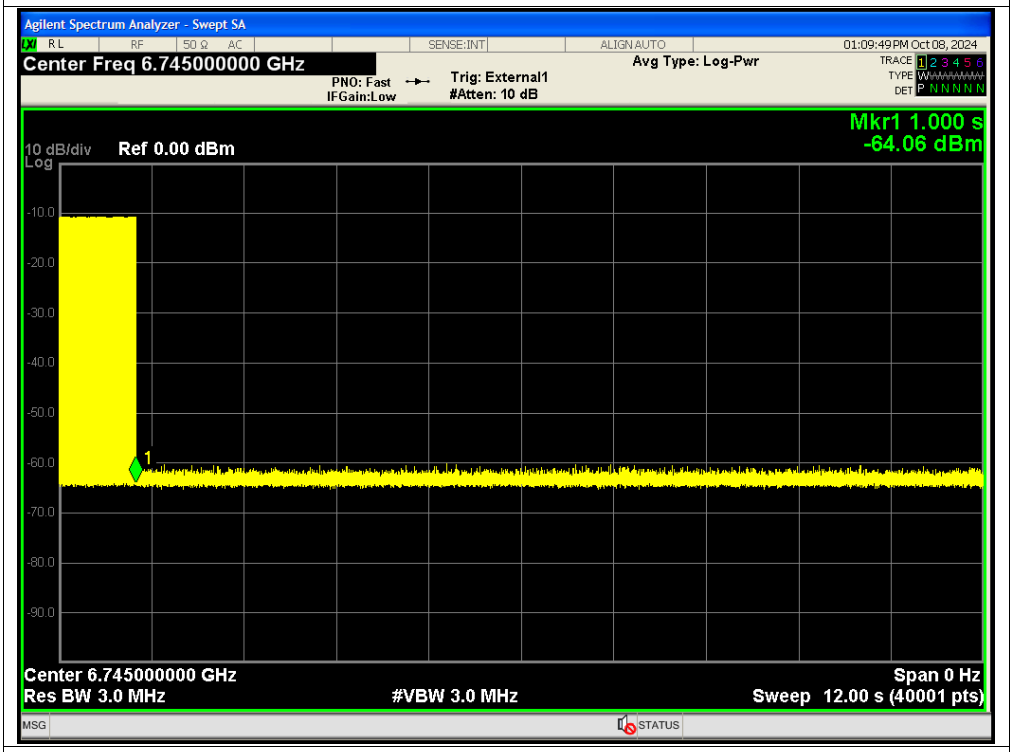
Contention Based Protocol NVNT be320 6745MHz Interfere 6590 MHz_6



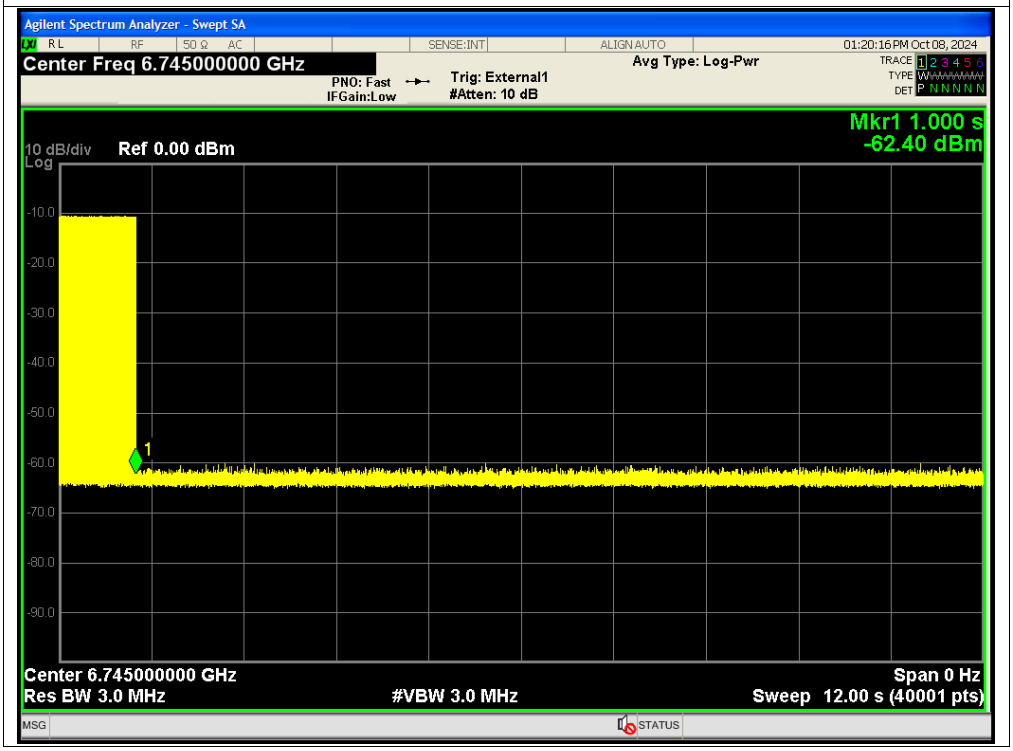
Contention Based Protocol NVNT be320 6745MHz Interfere 6590 MHz_7



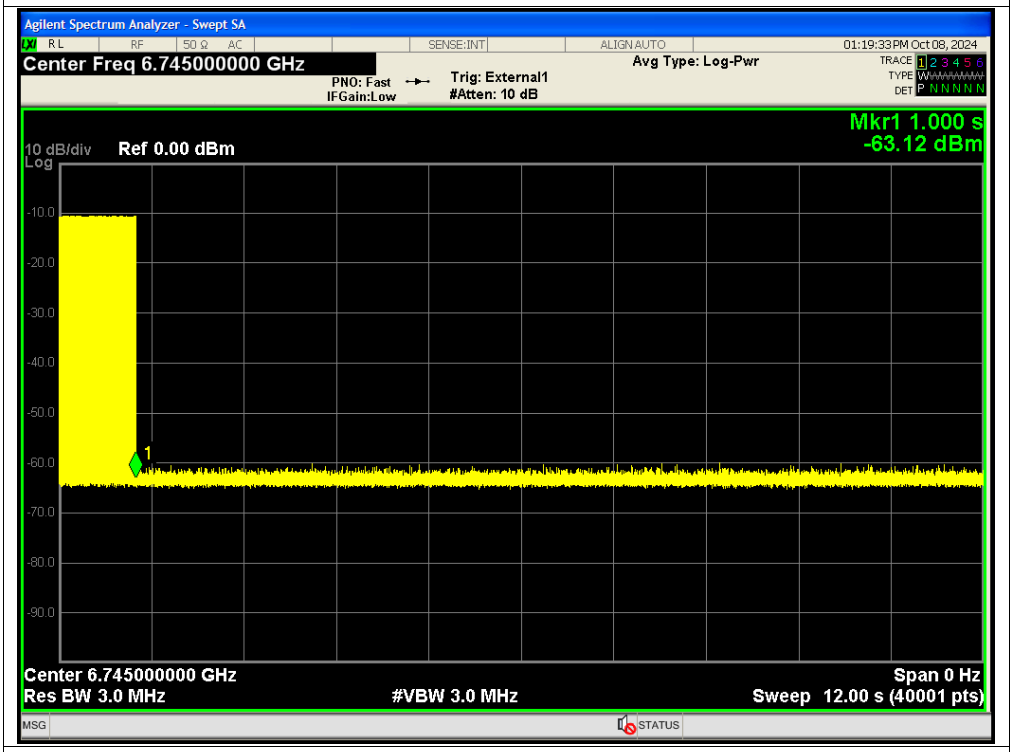
Contention Based Protocol NVNT be320 6745MHz Interfere 6590 MHz_8



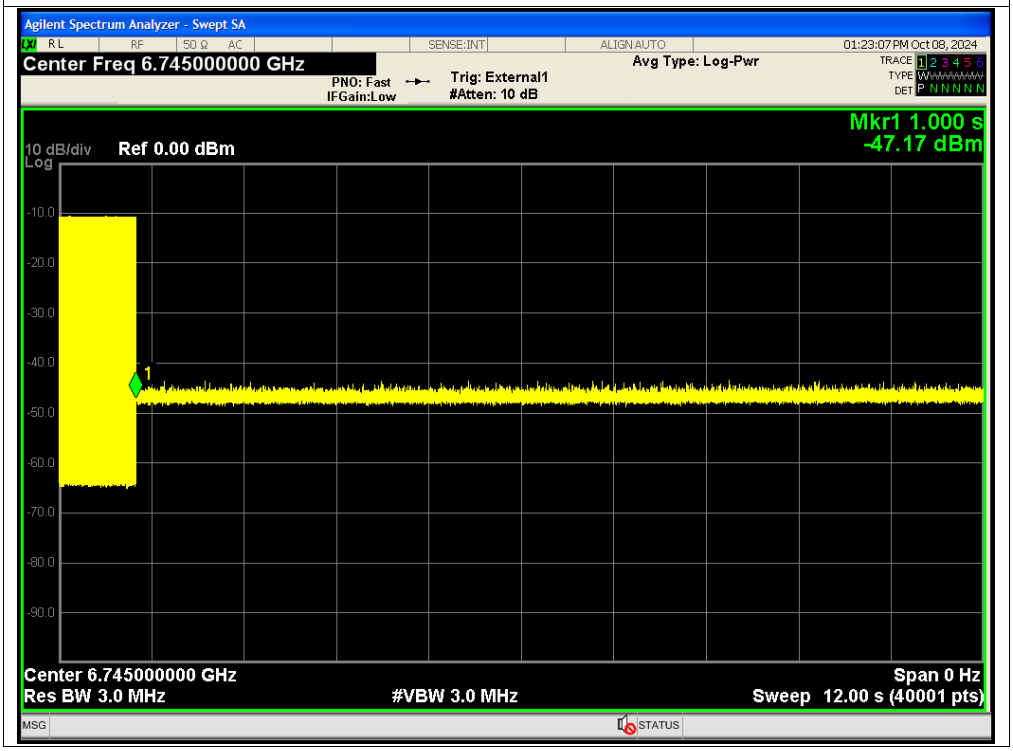
Contention Based Protocol NVNT be320 6745MHz Interfere 6590 MHz_9



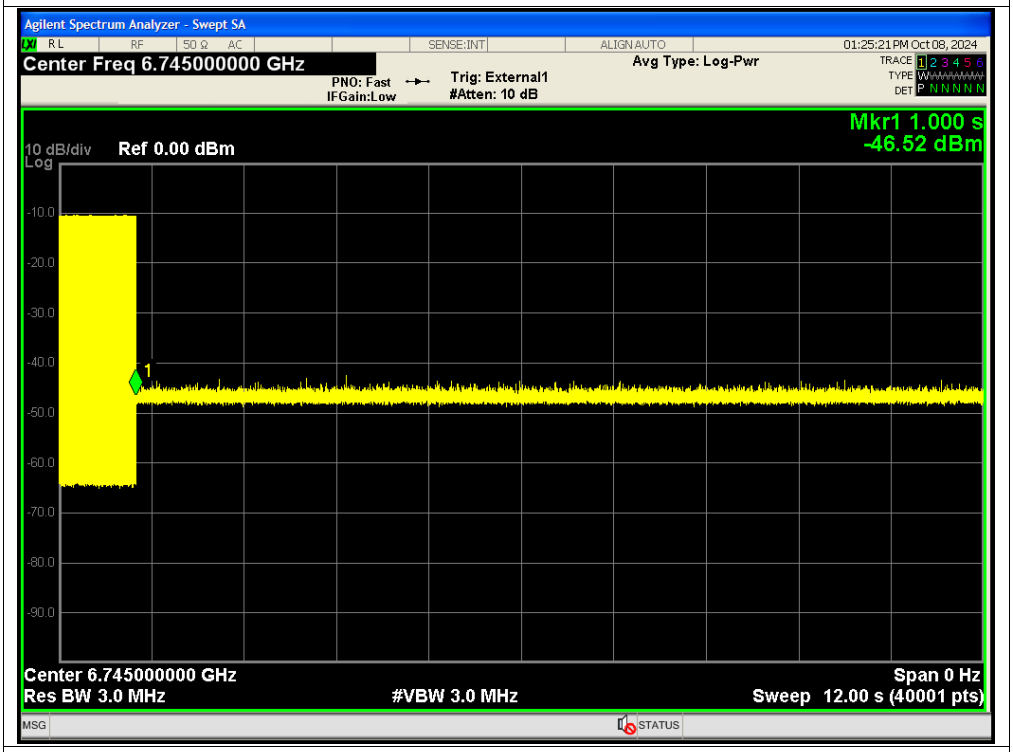
Contention Based Protocol NVNT be320 6745MHz Interfere 6590 MHz_10



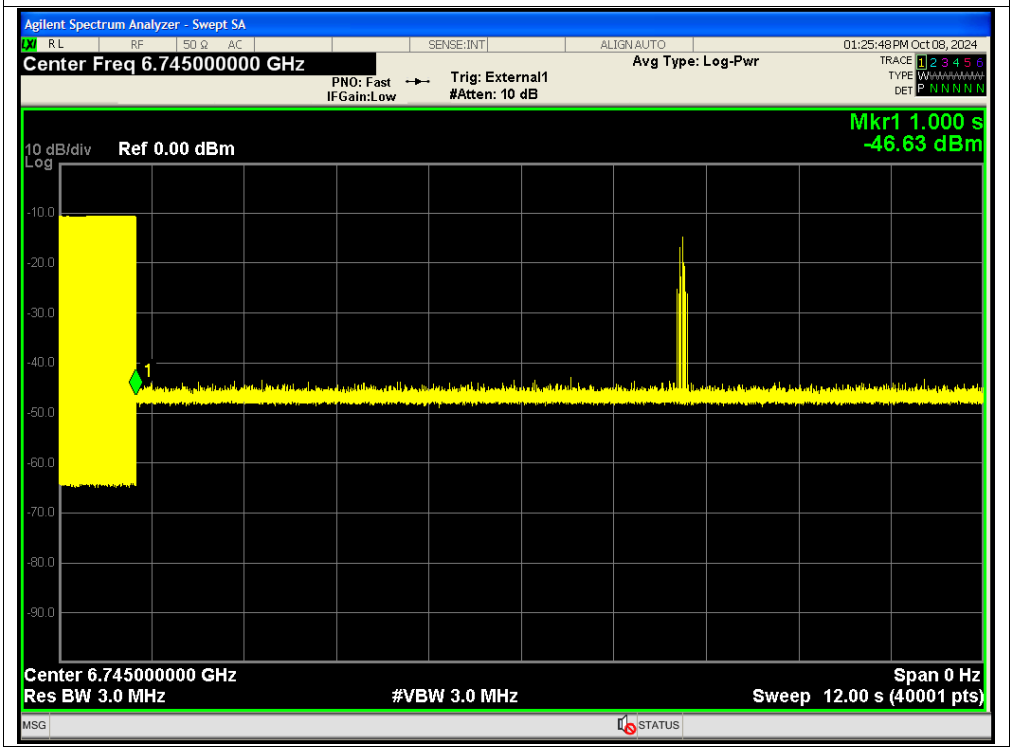
Contention Based Protocol NVNT be320 6745MHz Interfere 6745 MHz_1



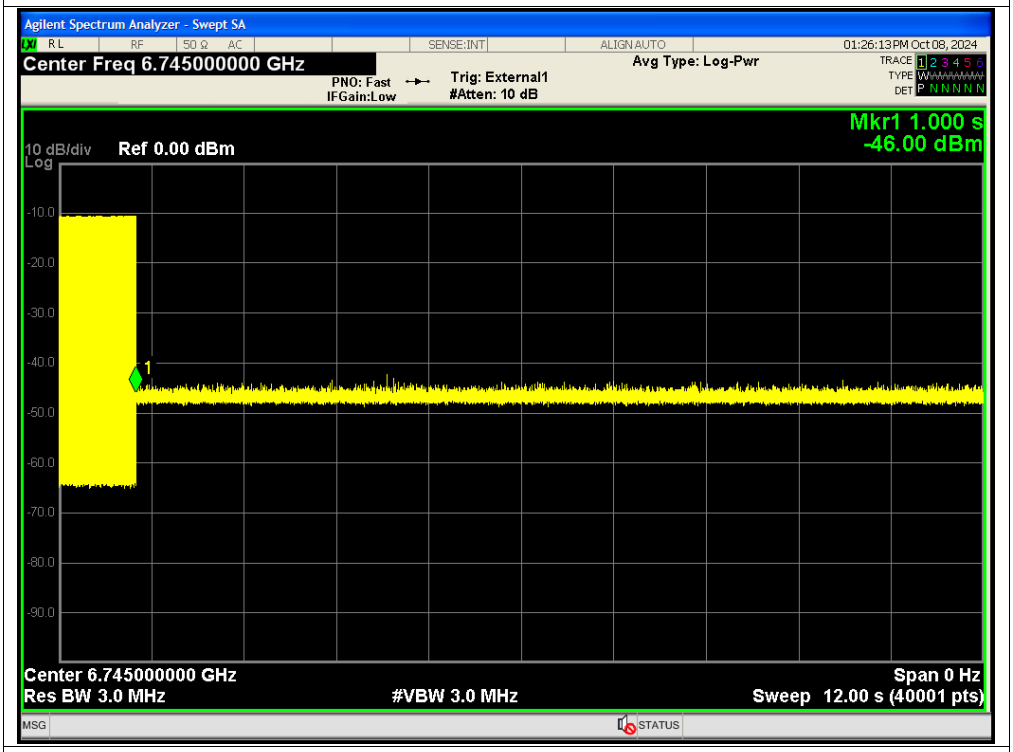
Contention Based Protocol NVNT be320 6745MHz Interfere 6745 MHz_2



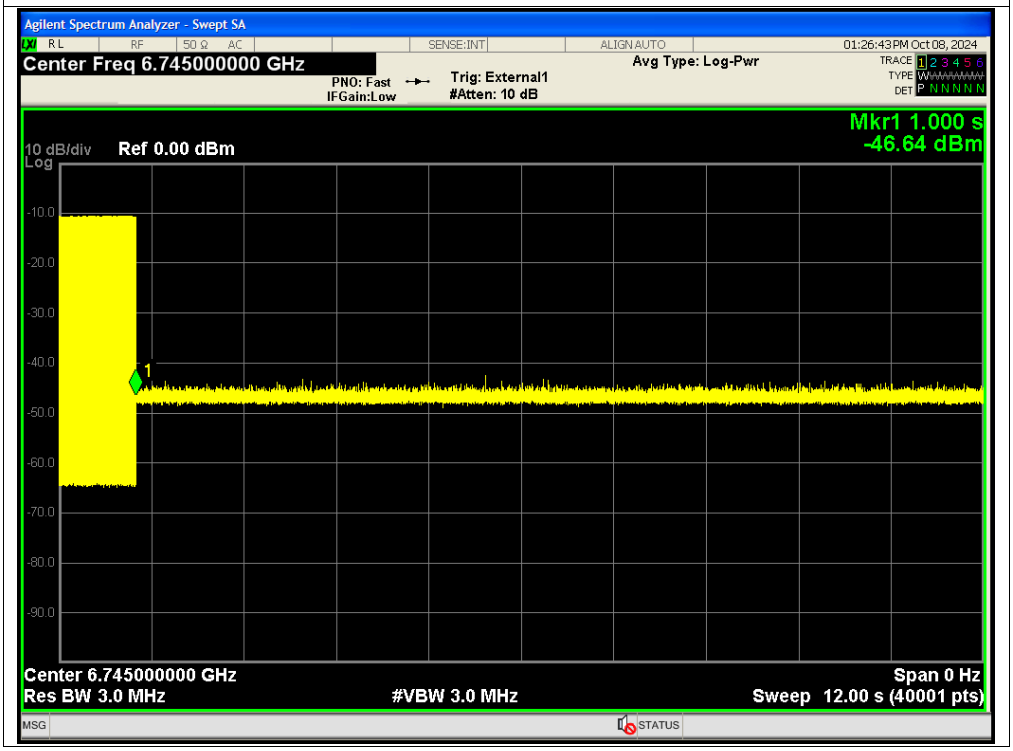
Contention Based Protocol NVNT be320 6745MHz Interfere 6745 MHz_3



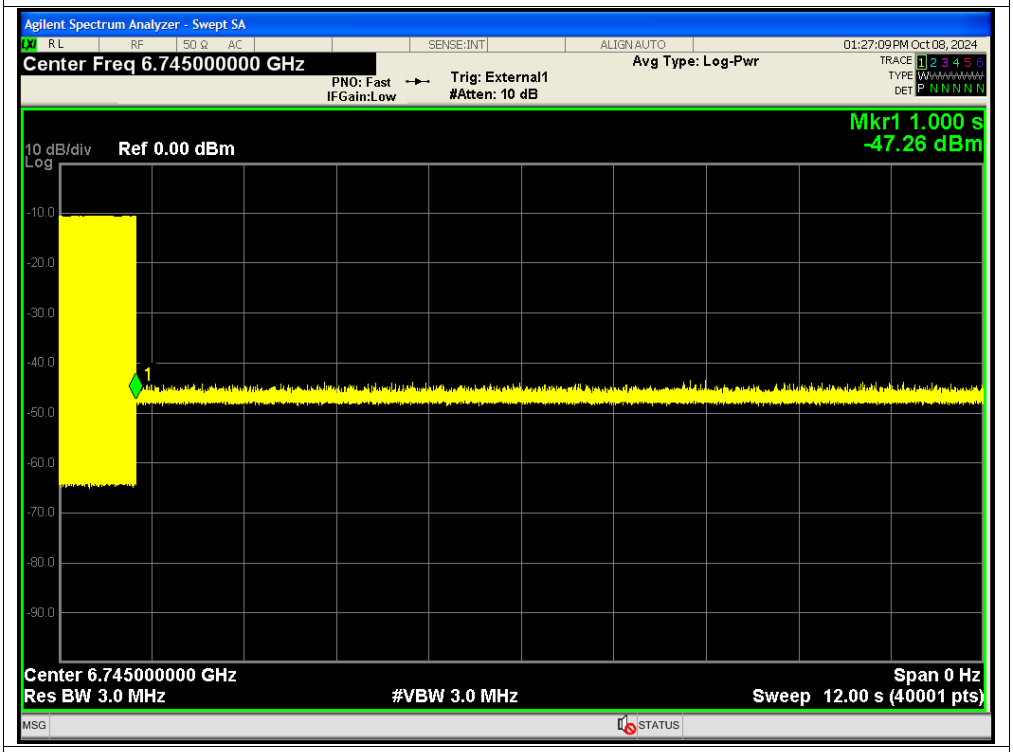
Contention Based Protocol NVNT be320 6745MHz Interfere 6745 MHz_4



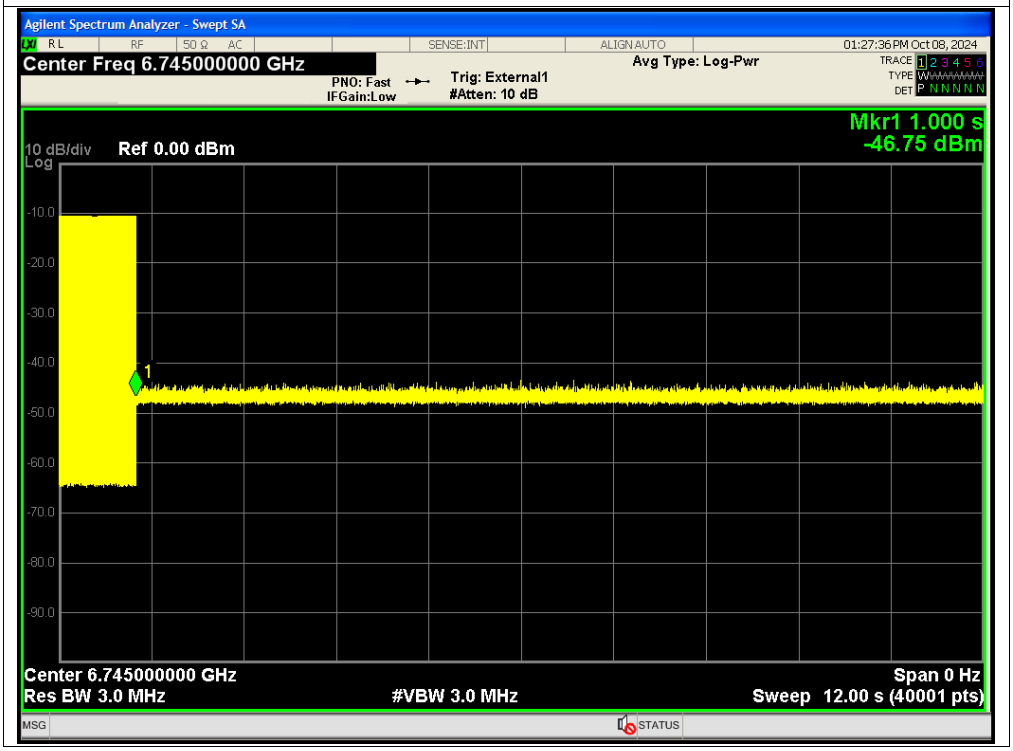
Contention Based Protocol NVNT be320 6745MHz Interfere 6745 MHz_5



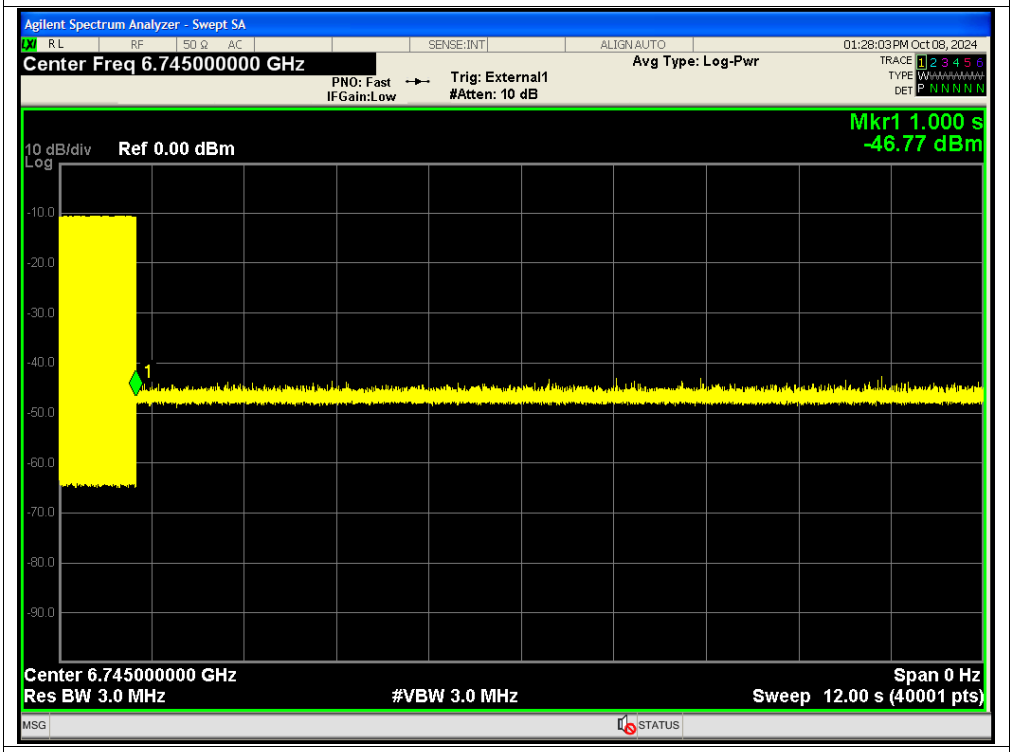
Contention Based Protocol NVNT be320 6745MHz Interfere 6745 MHz_6



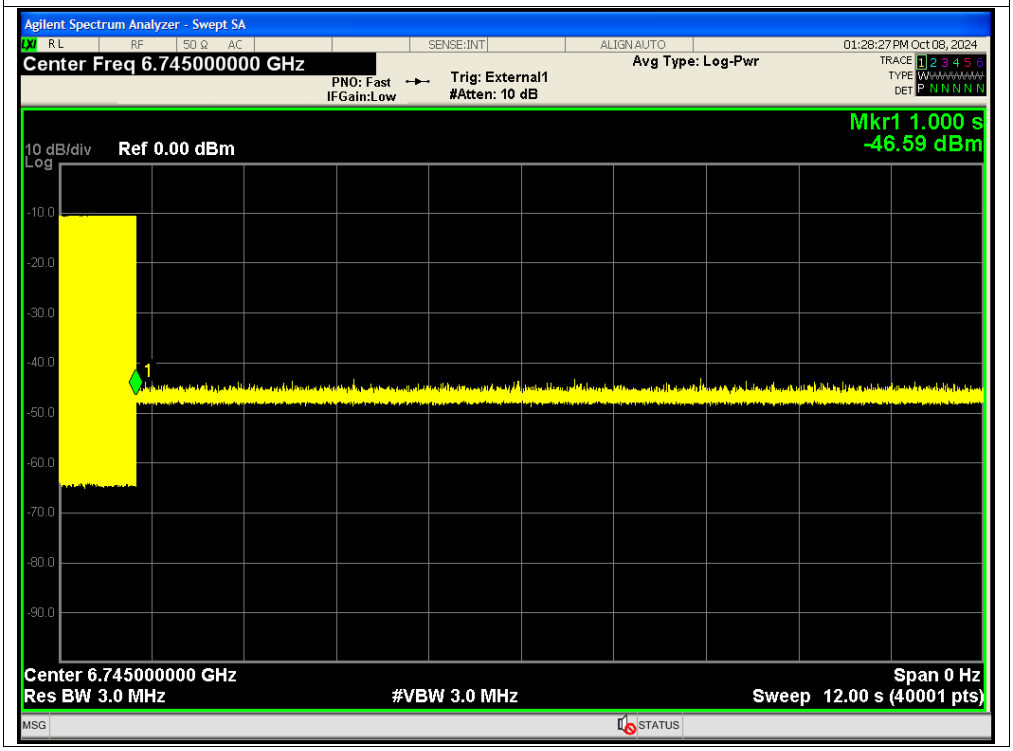
Contention Based Protocol NVNT be320 6745MHz Interfere 6745 MHz_7



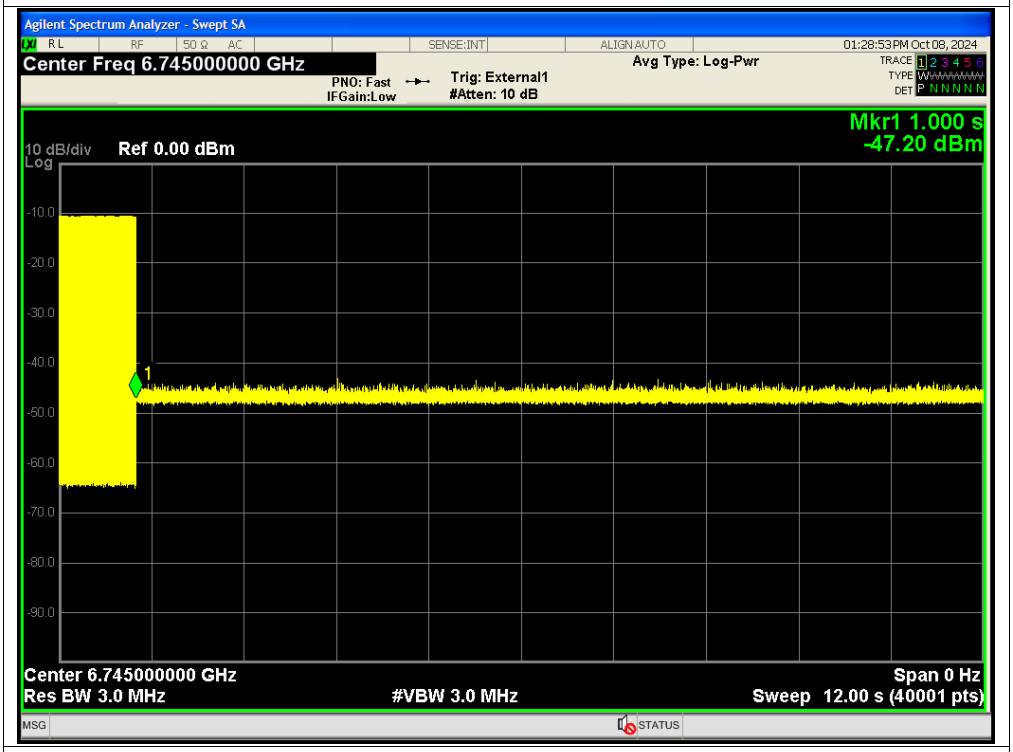
Contention Based Protocol NVNT be320 6745MHz Interfere 6745 MHz_8



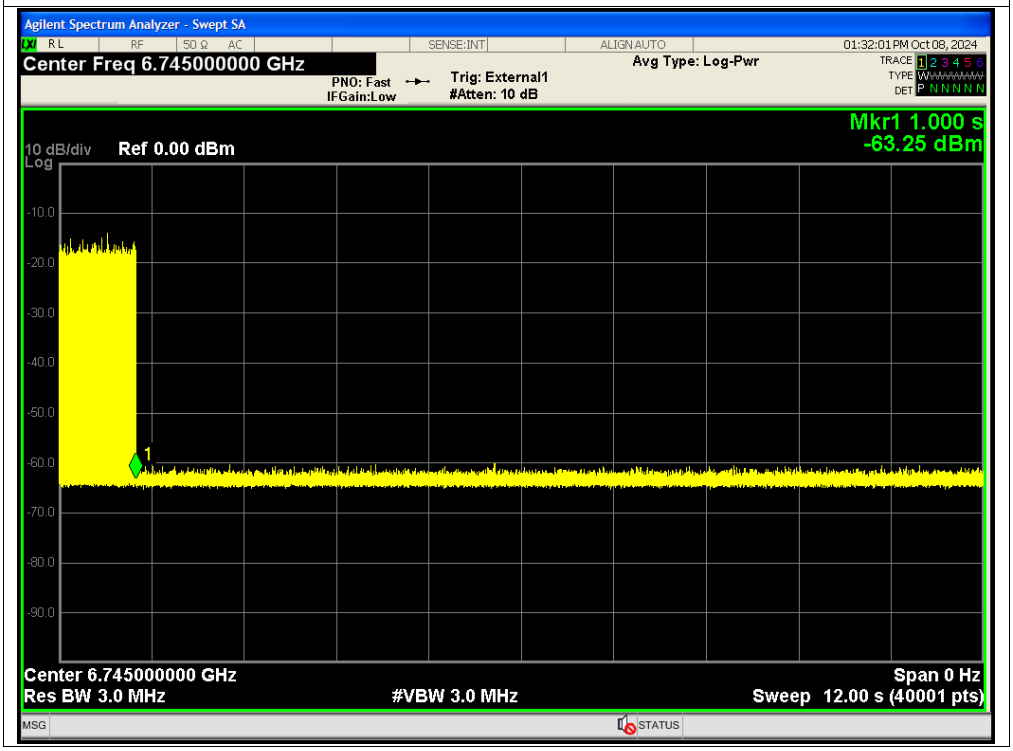
Contention Based Protocol NVNT be320 6745MHz Interfere 6745 MHz_9



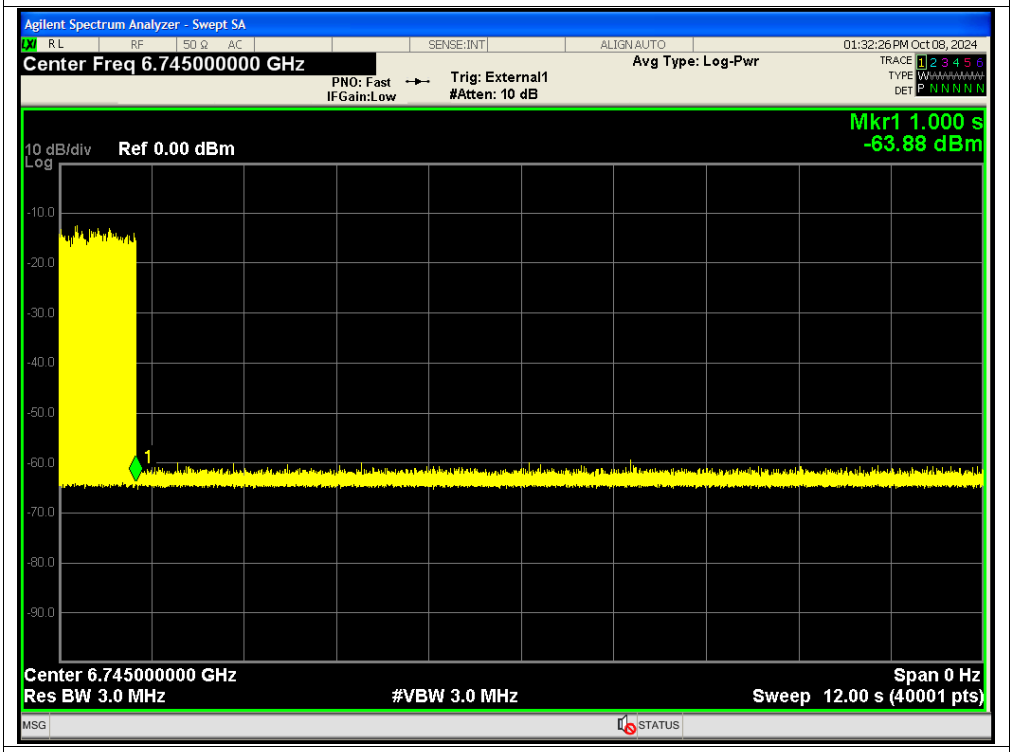
Contention Based Protocol NVNT be320 6745MHz Interfere 6745 MHz_10



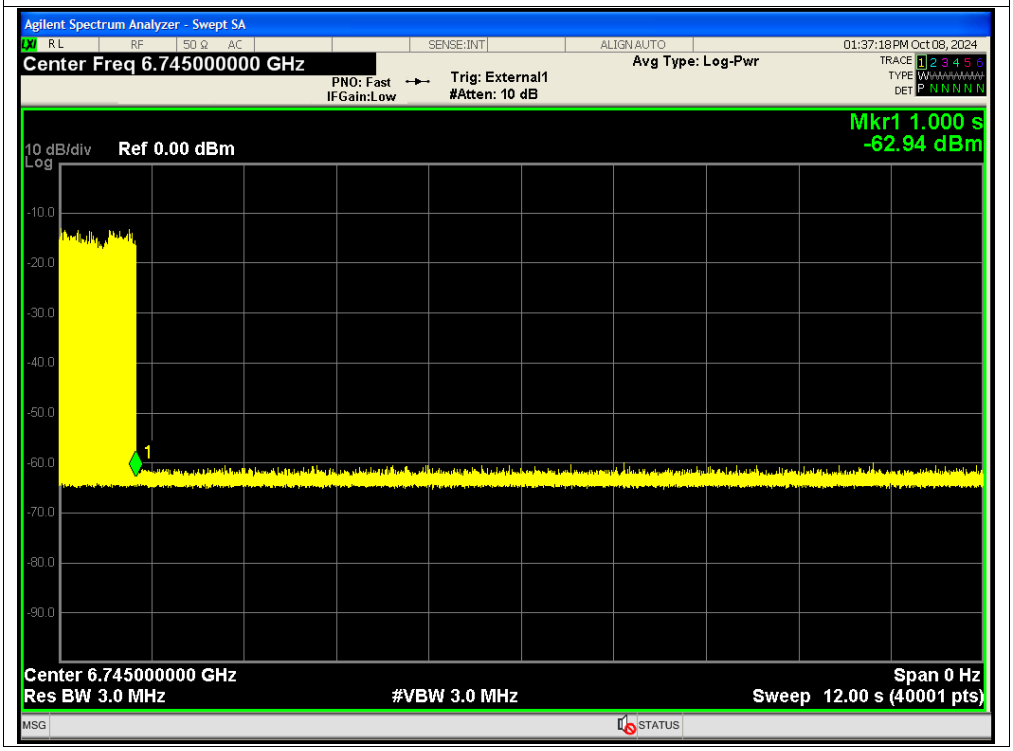
Contention Based Protocol NVNT be320 6745MHz Interfere 6900 MHz_1



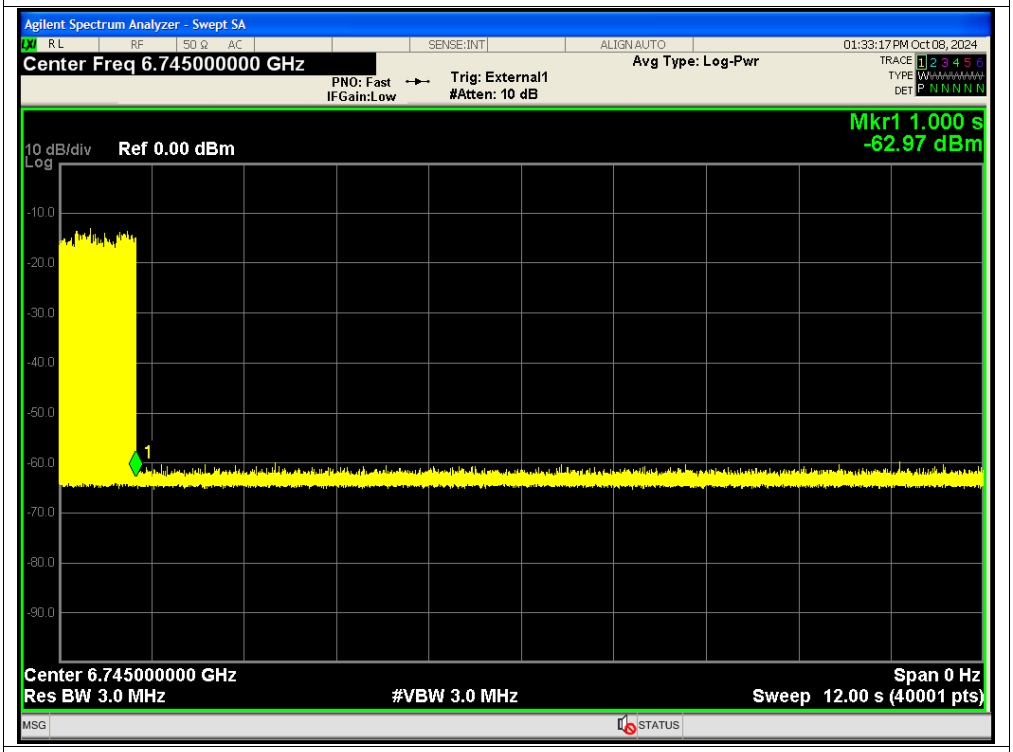
Contention Based Protocol NVNT be320 6745MHz Interfere 6900 MHz_2



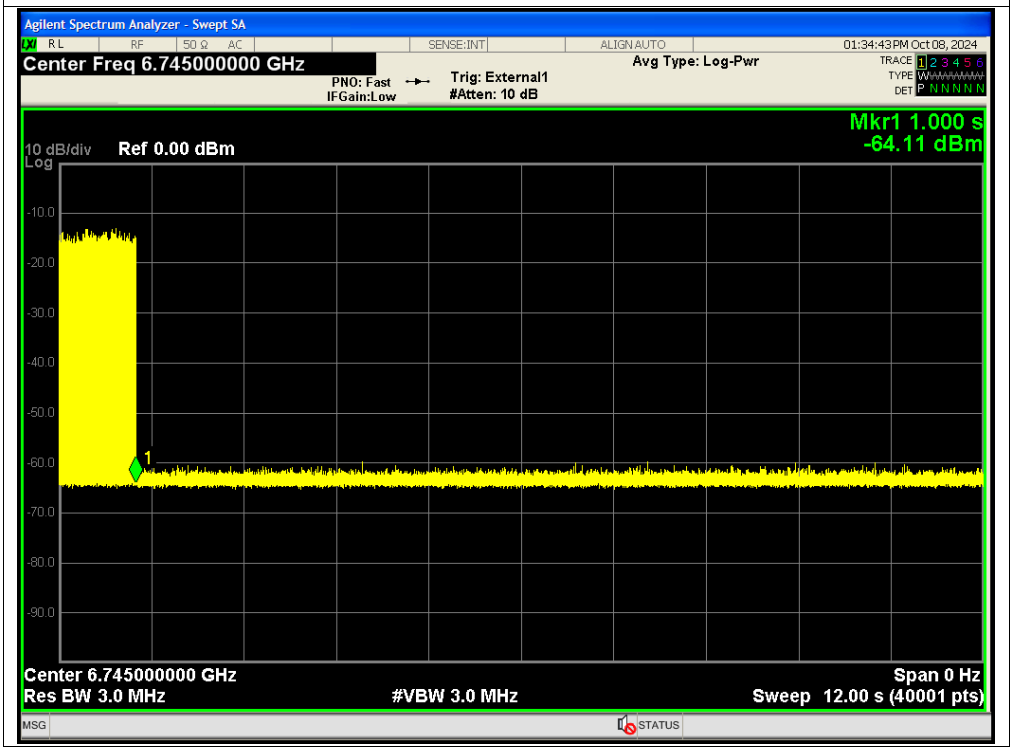
Contention Based Protocol NVNT be320 6745MHz Interfere 6900 MHz_3



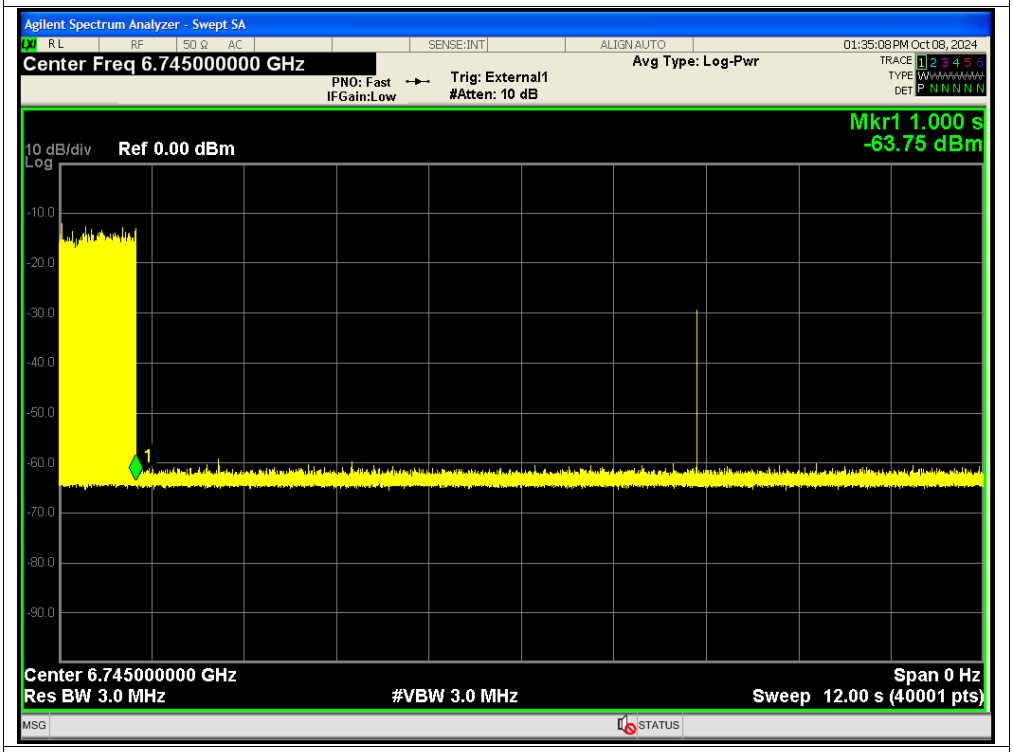
Contention Based Protocol NVNT be320 6745MHz Interfere 6900 MHz_4



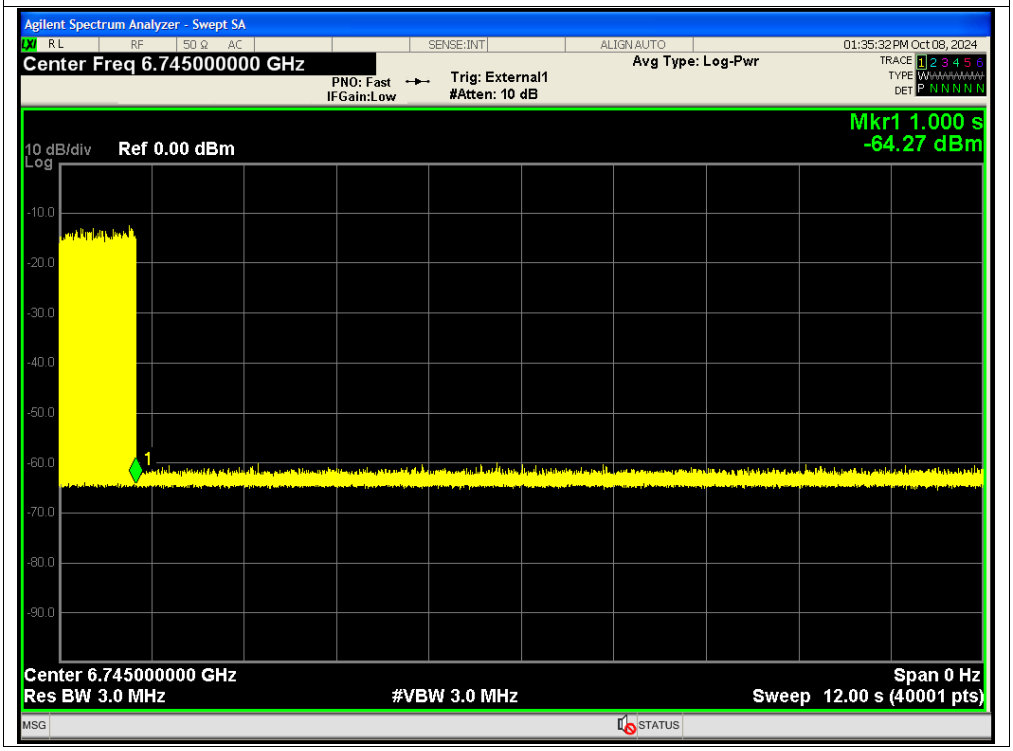
Contention Based Protocol NVNT be320 6745MHz Interfere 6900 MHz_5



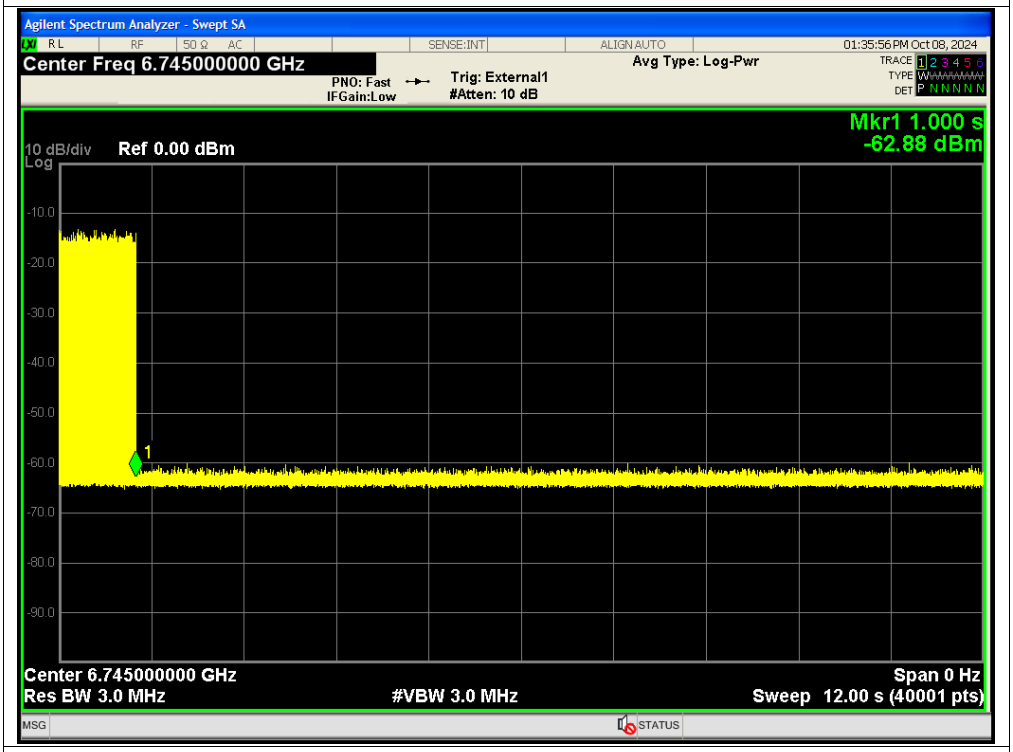
Contention Based Protocol NVNT be320 6745MHz Interfere 6900 MHz_6



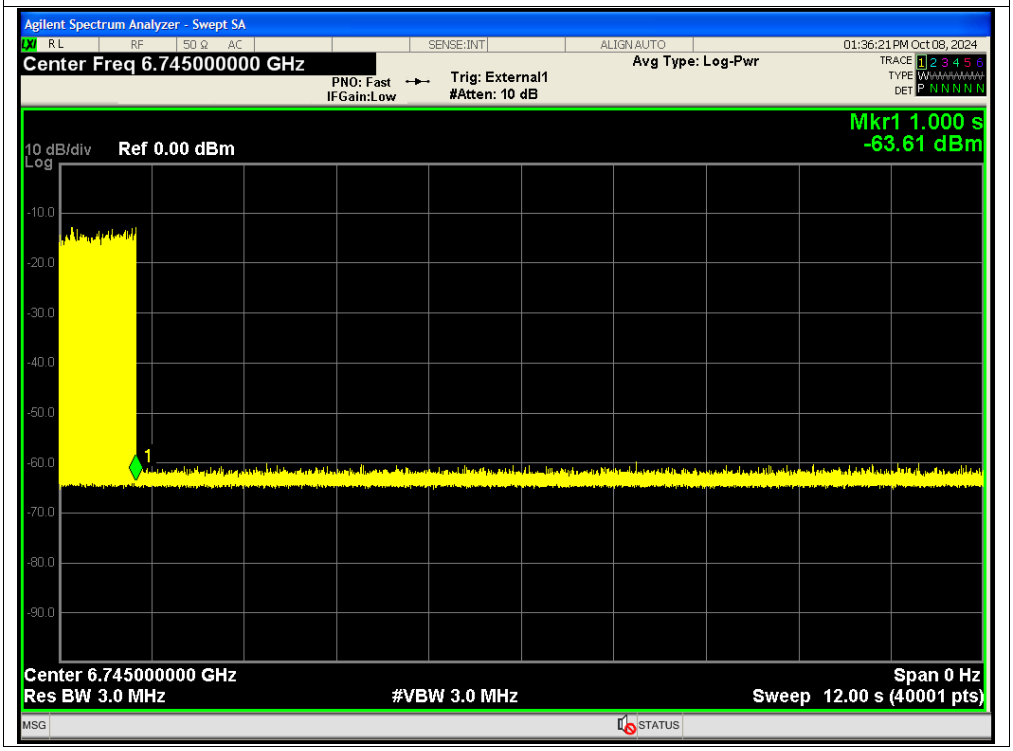
Contention Based Protocol NVNT be320 6745MHz Interfere 6900 MHz_7



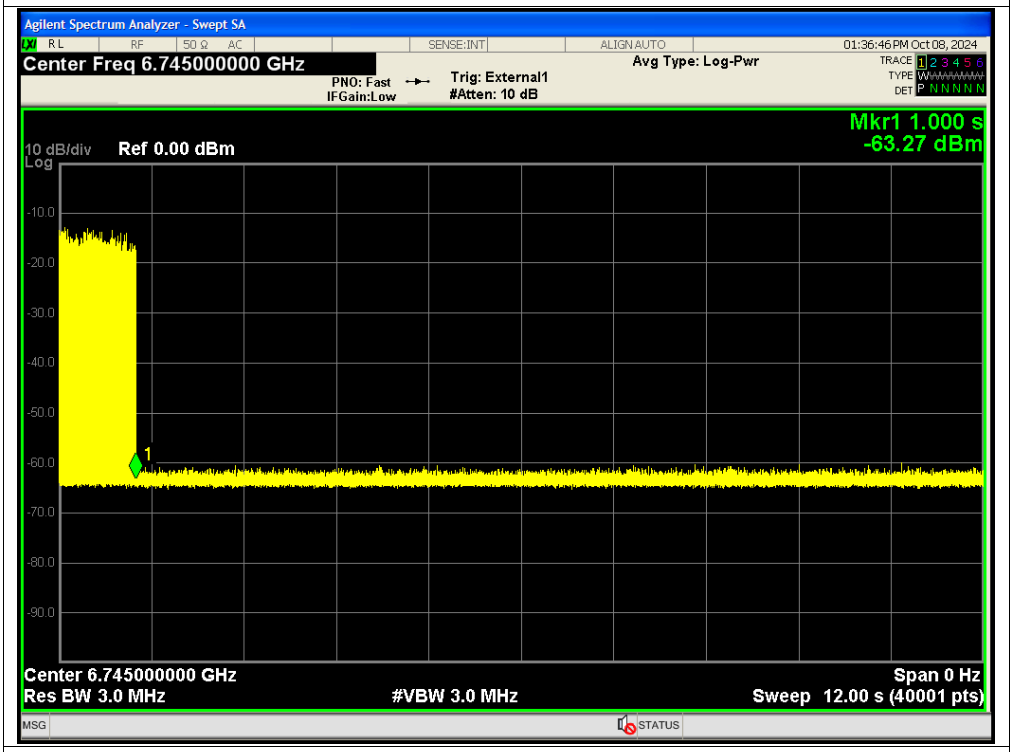
Contention Based Protocol NVNT be320 6745MHz Interfere 6900 MHz_8



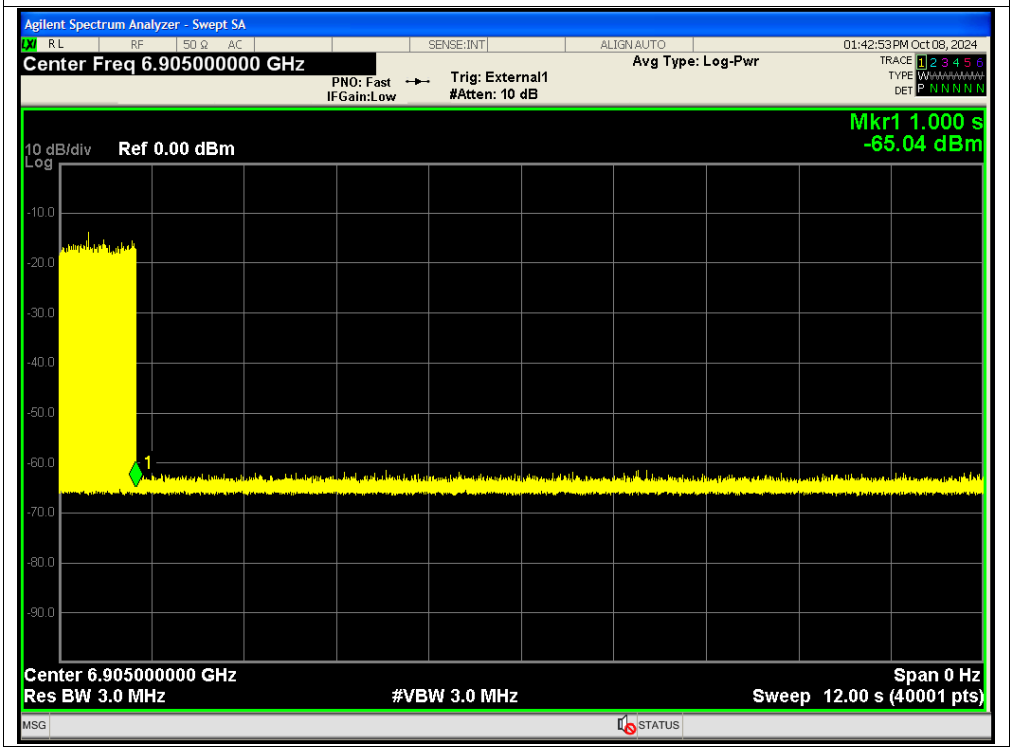
Contention Based Protocol NVNT be320 6745MHz Interfere 6900 MHz_9



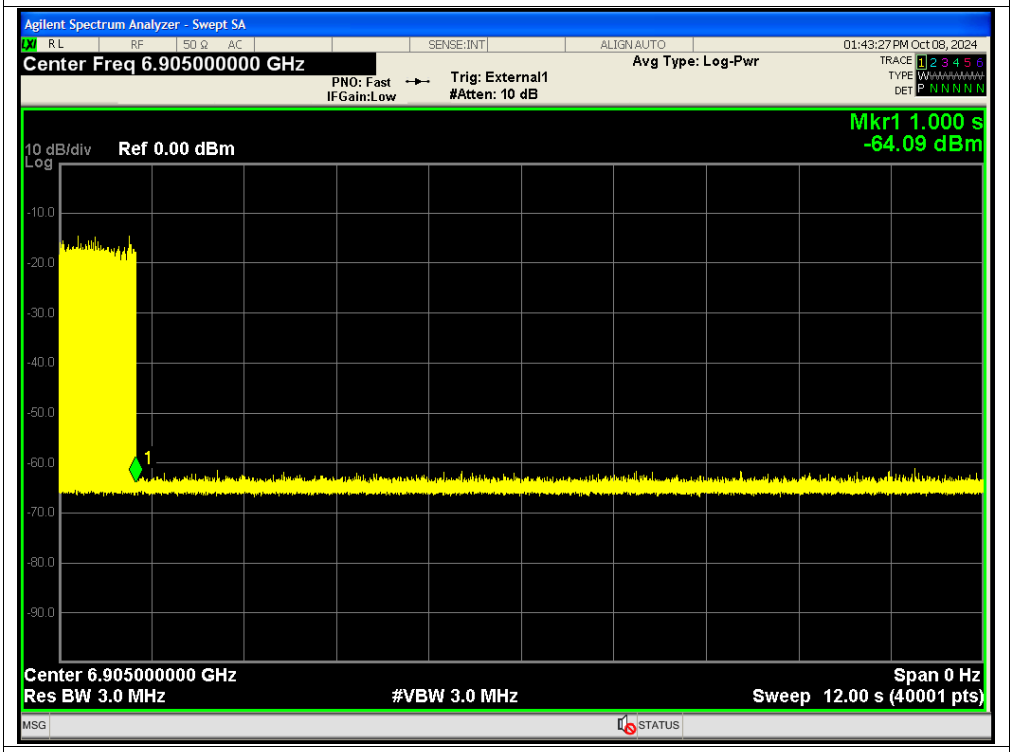
Contention Based Protocol NVNT be320 6745MHz Interfere 6900 MHz_10



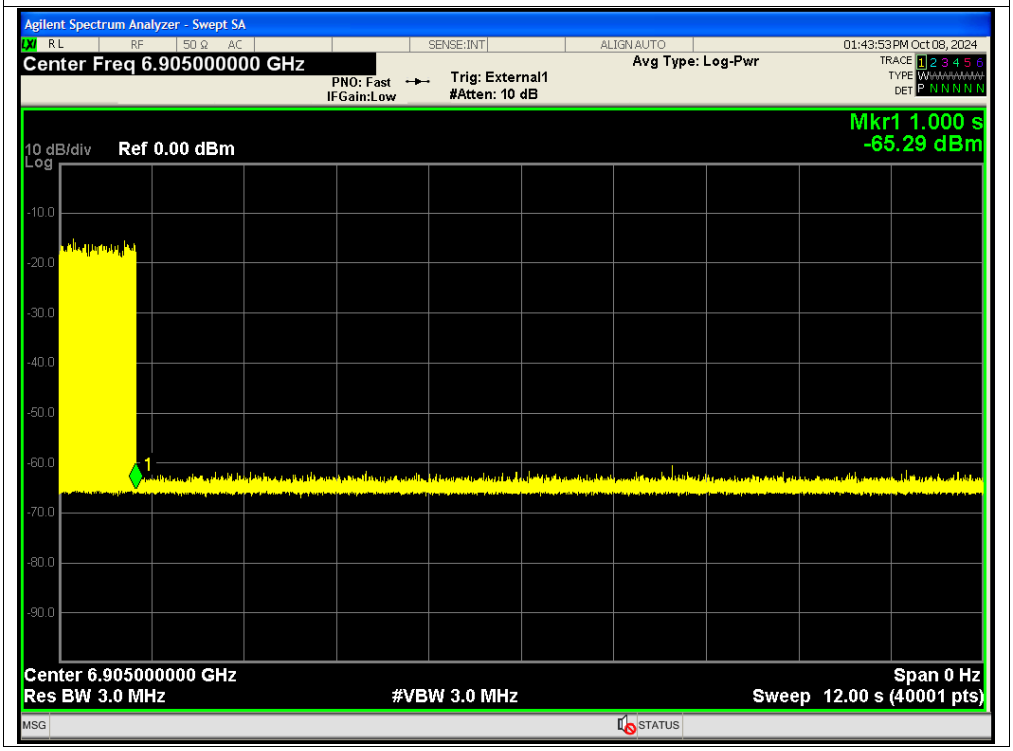
Contention Based Protocol NVNT be320 6905MHz Interfere 6750 MHz_1



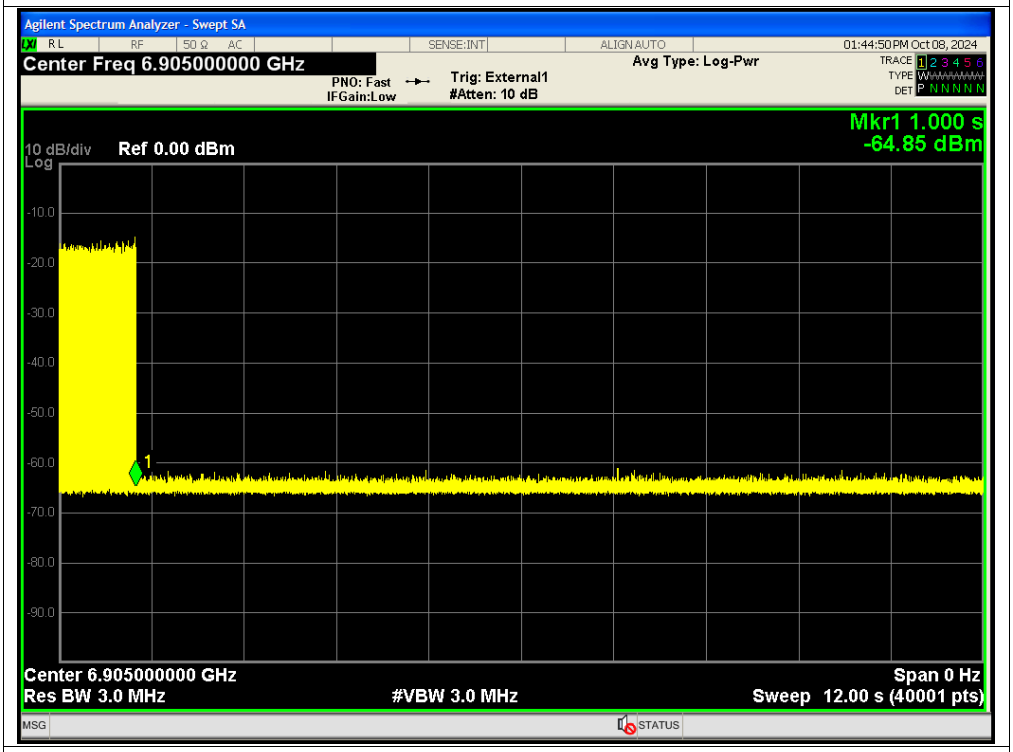
Contention Based Protocol NVNT be320 6905MHz Interfere 6750 MHz_2



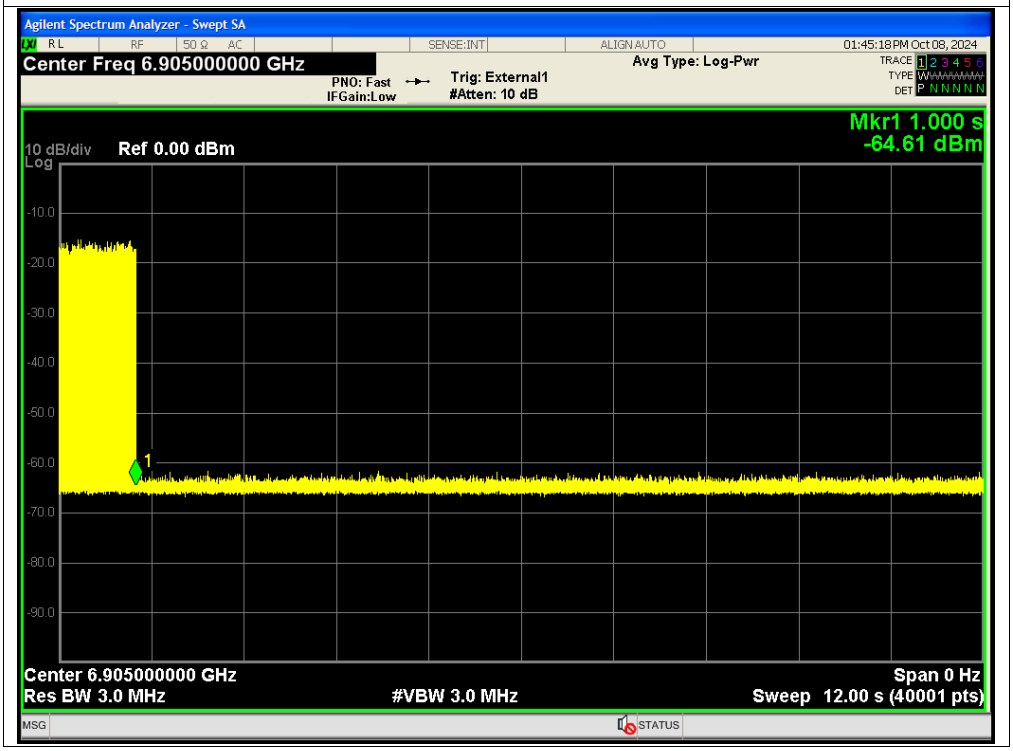
Contention Based Protocol NVNT be320 6905MHz Interfere 6750 MHz_3



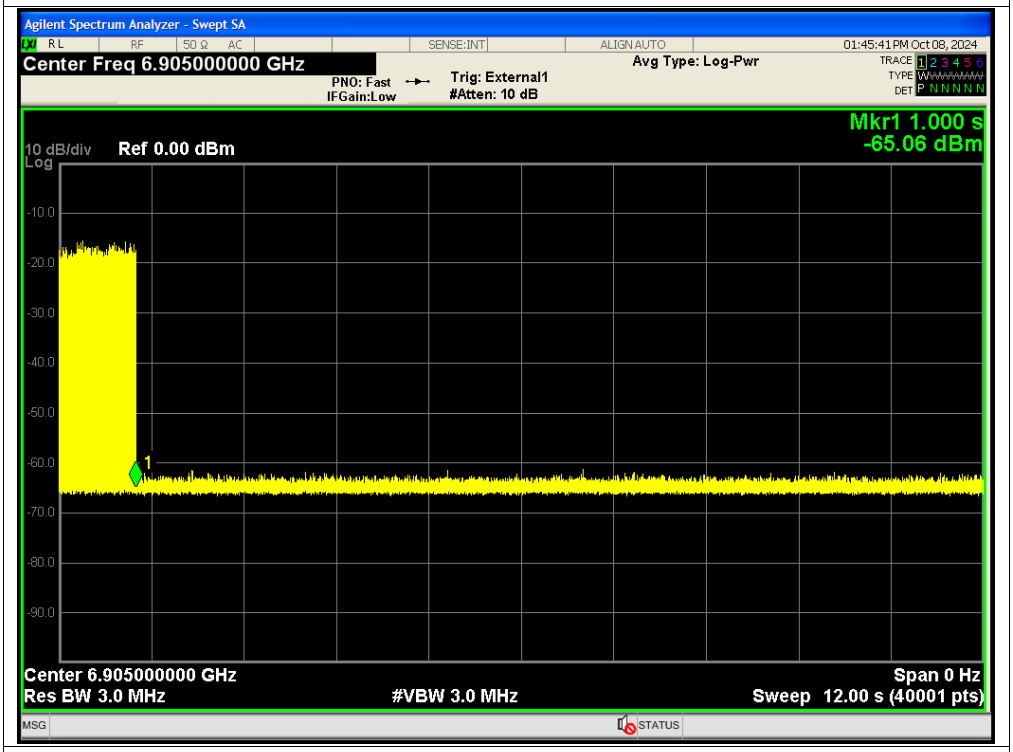
Contention Based Protocol NVNT be320 6905MHz Interfere 6750 MHz_4



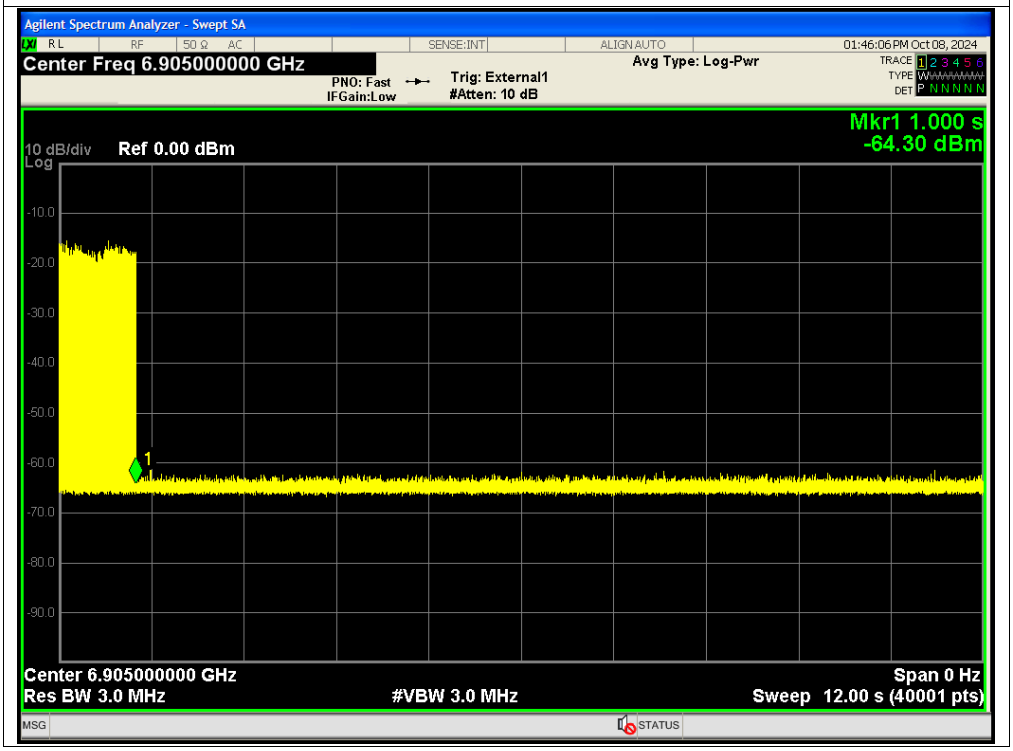
Contention Based Protocol NVNT be320 6905MHz Interfere 6750 MHz_5



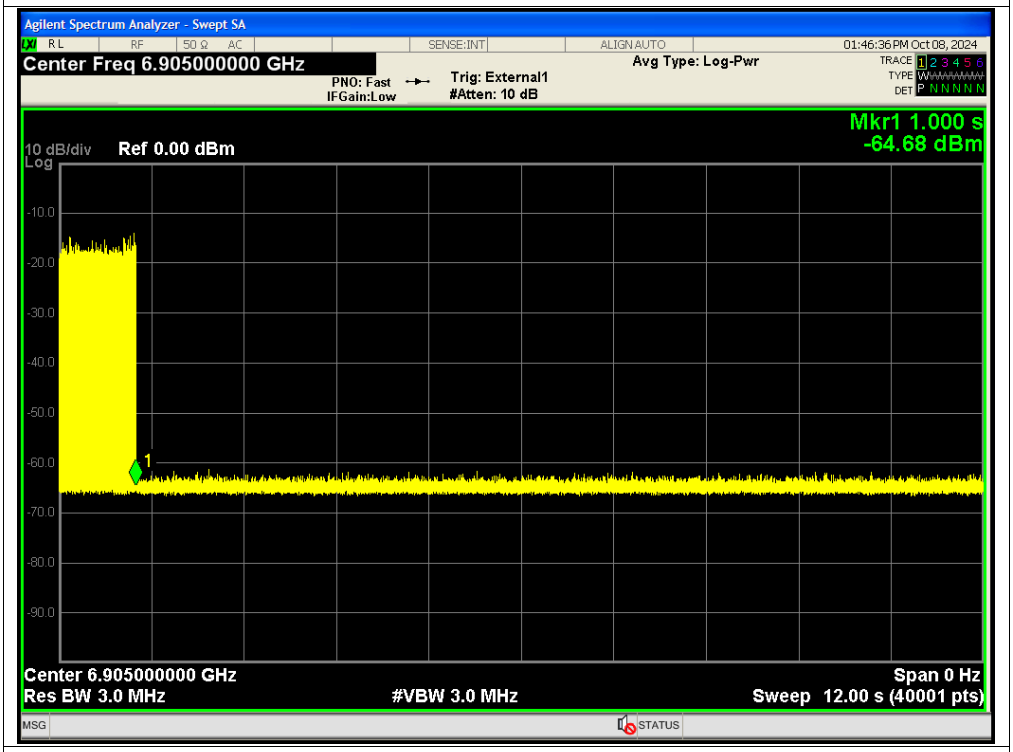
Contention Based Protocol NVNT be320 6905MHz Interfere 6750 MHz_6



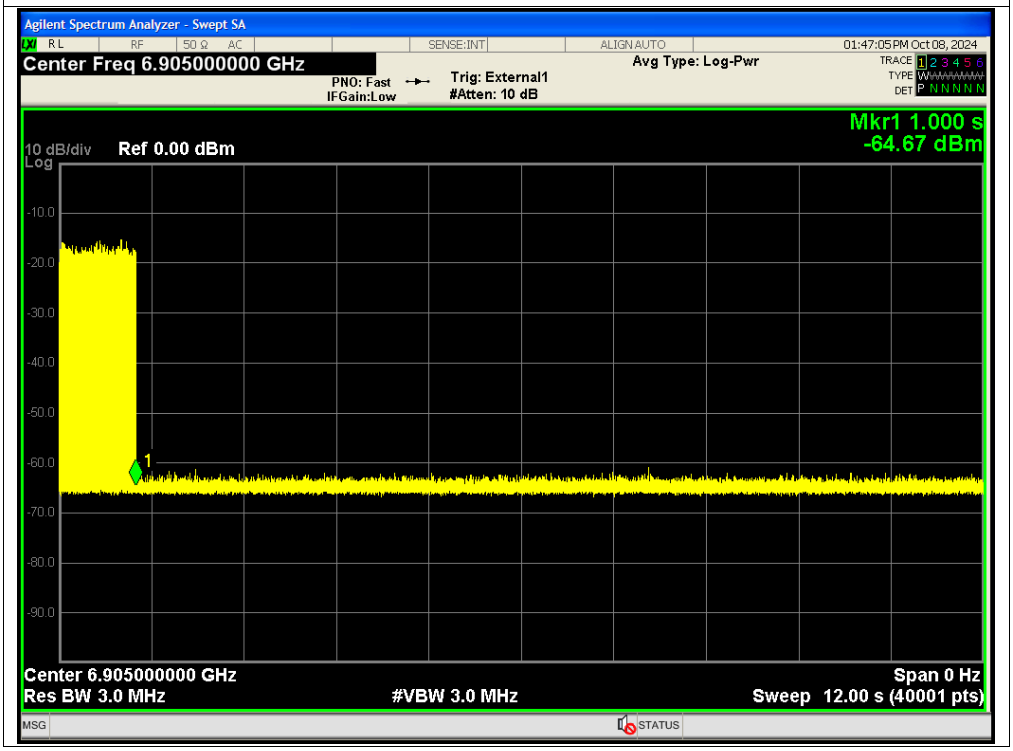
Contention Based Protocol NVNT be320 6905MHz Interfere 6750 MHz_7



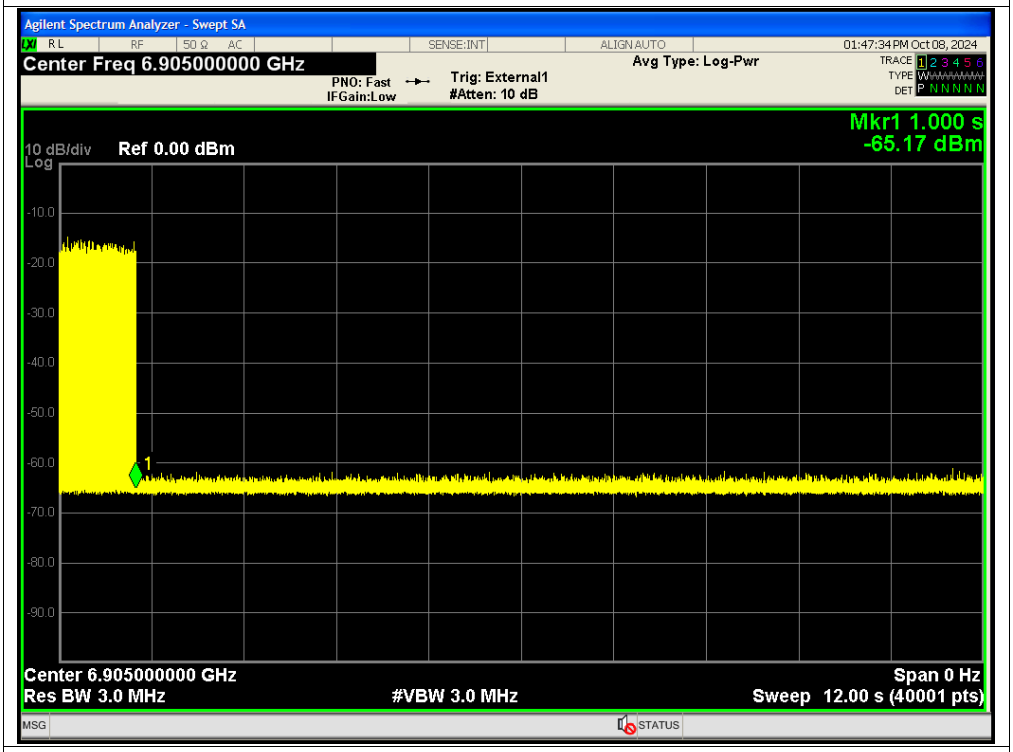
Contention Based Protocol NVNT be320 6905MHz Interfere 6750 MHz_8



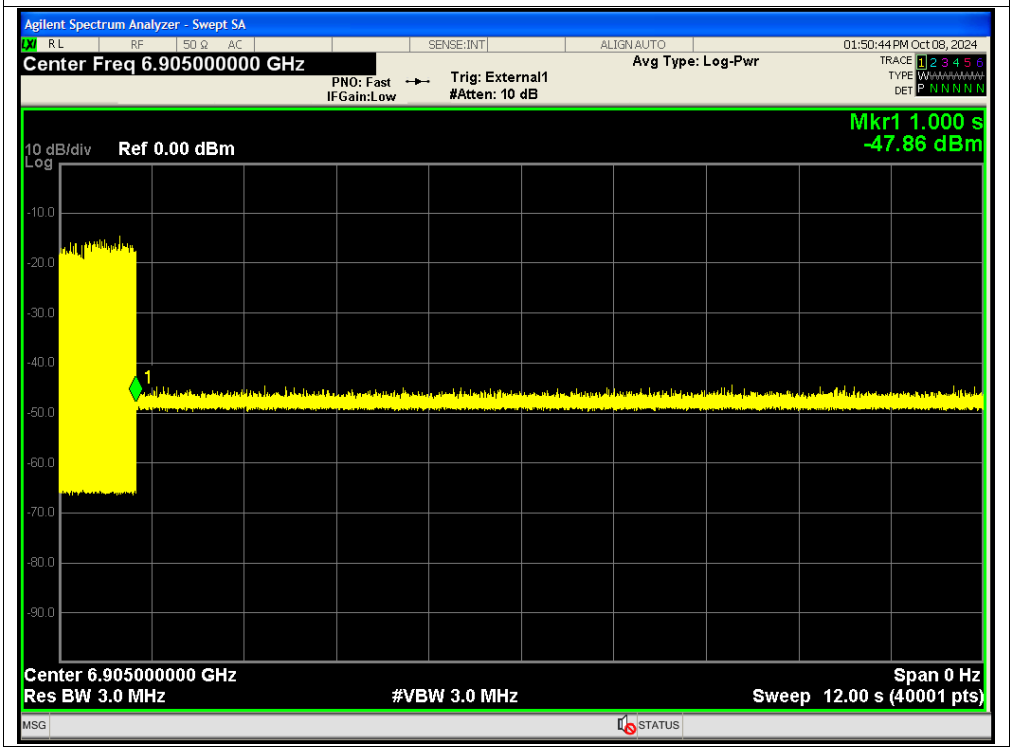
Contention Based Protocol NVNT be320 6905MHz Interfere 6750 MHz_9



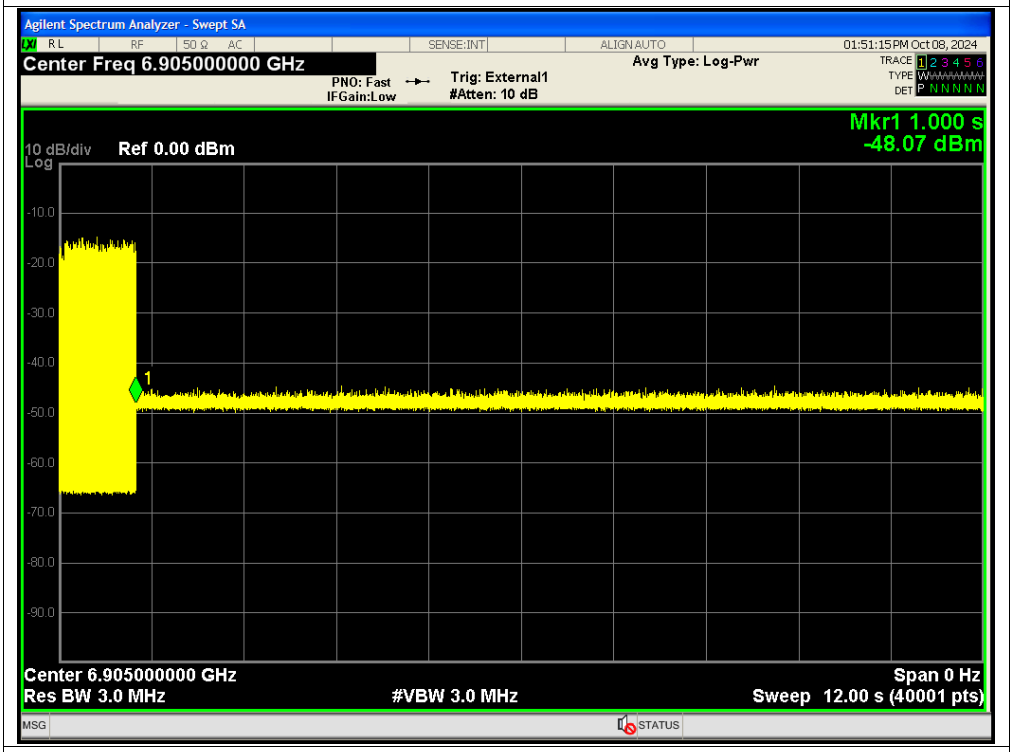
Contention Based Protocol NVNT be320 6905MHz Interfere 6750 MHz_10



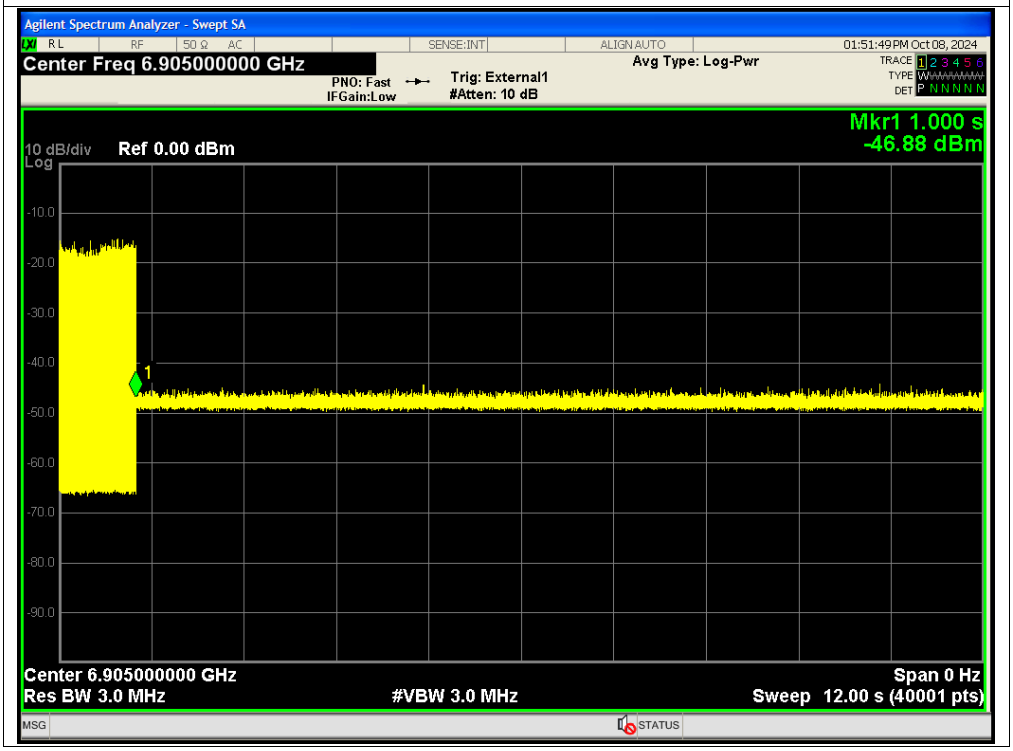
Contention Based Protocol NVNT be320 6905MHz Interfere 6905 MHz_1



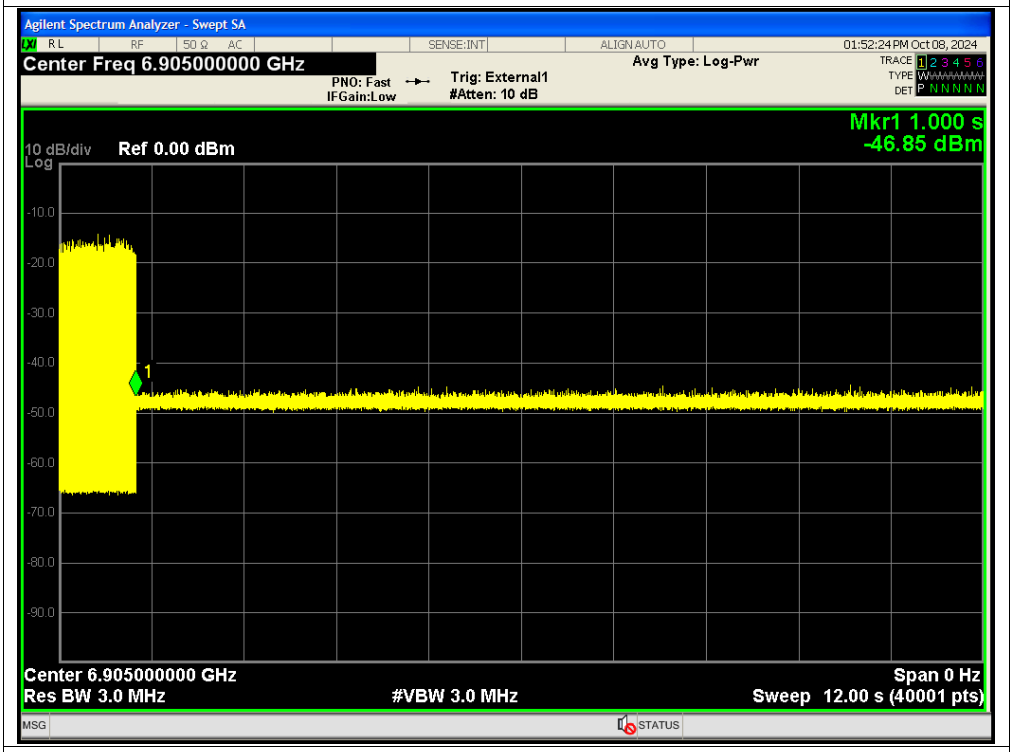
Contention Based Protocol NVNT be320 6905MHz Interfere 6905 MHz_2



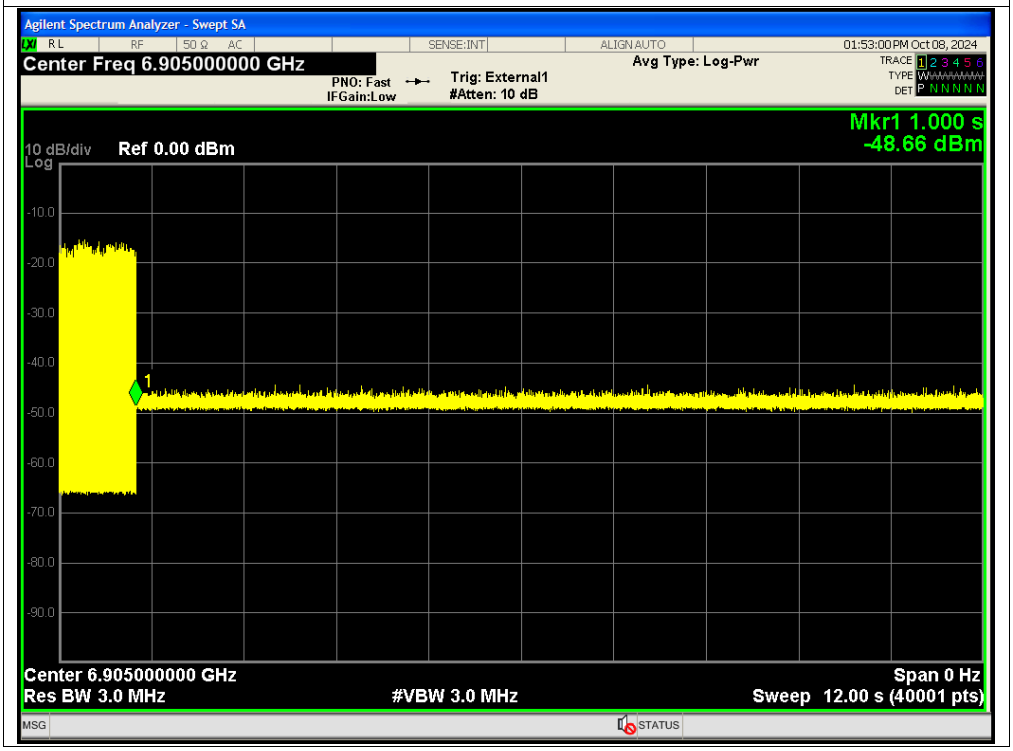
Contention Based Protocol NVNT be320 6905MHz Interfere 6905 MHz_3



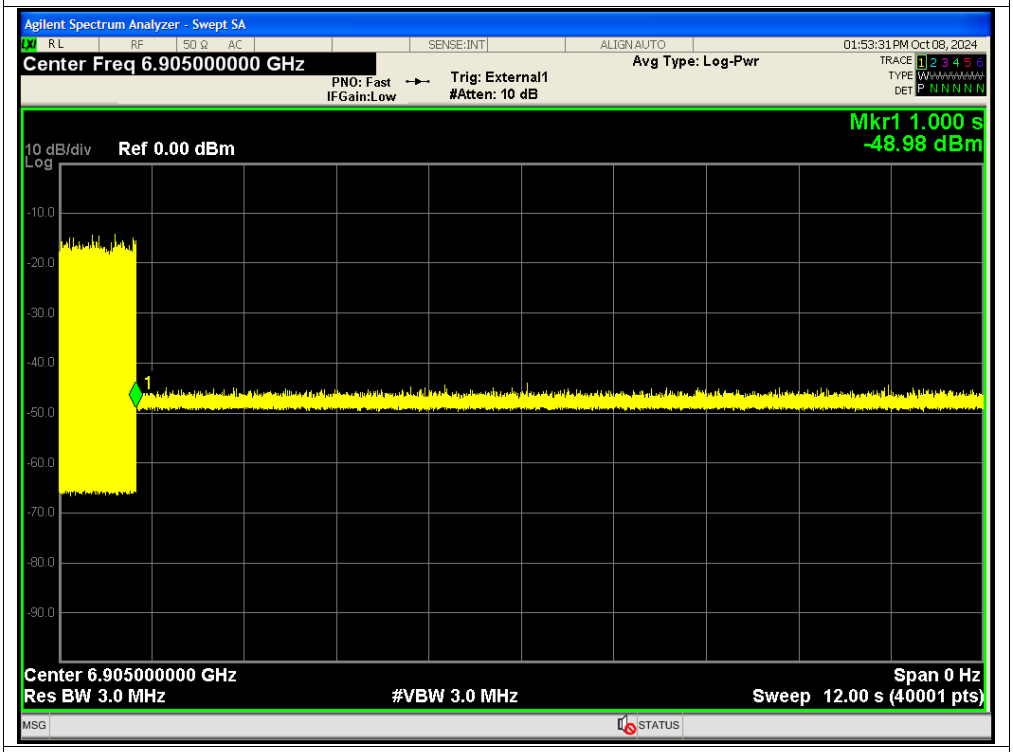
Contention Based Protocol NVNT be320 6905MHz Interfere 6905 MHz_4



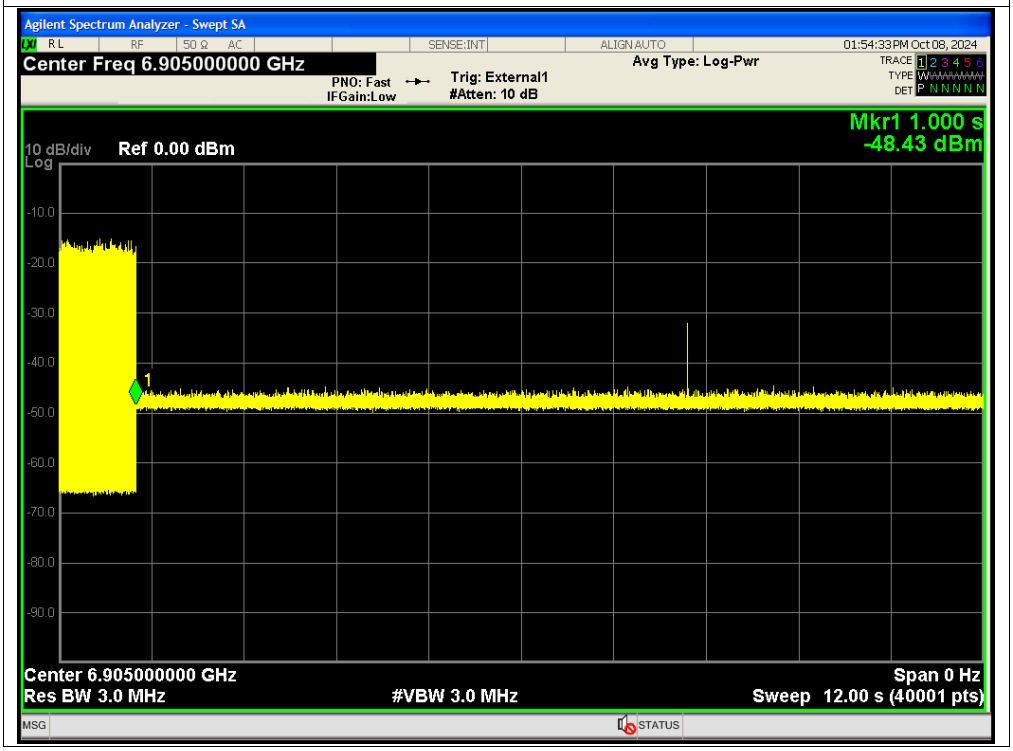
Contention Based Protocol NVNT be320 6905MHz Interfere 6905 MHz_5



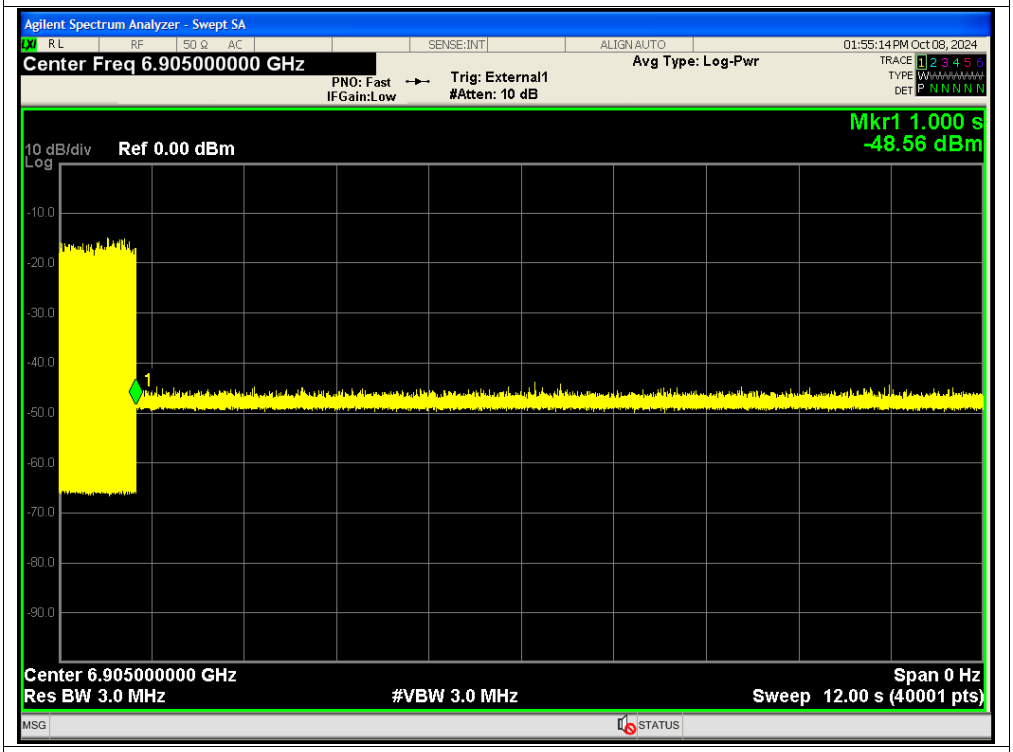
Contention Based Protocol NVNT be320 6905MHz Interfere 6905 MHz_6



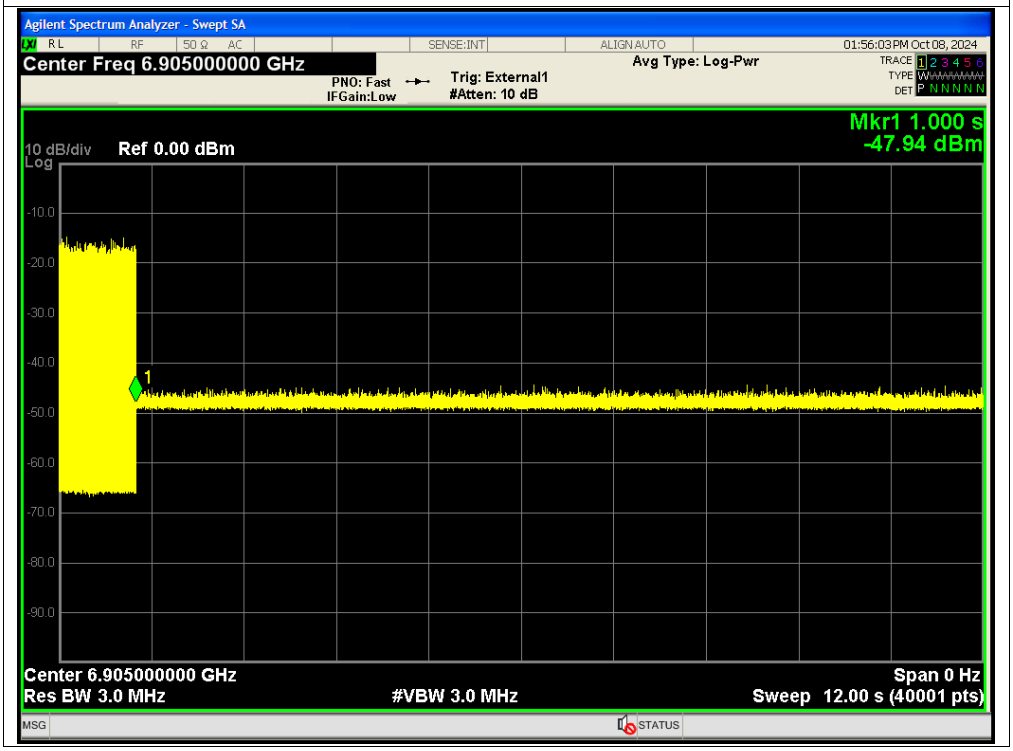
Contention Based Protocol NVNT be320 6905MHz Interfere 6905 MHz_7



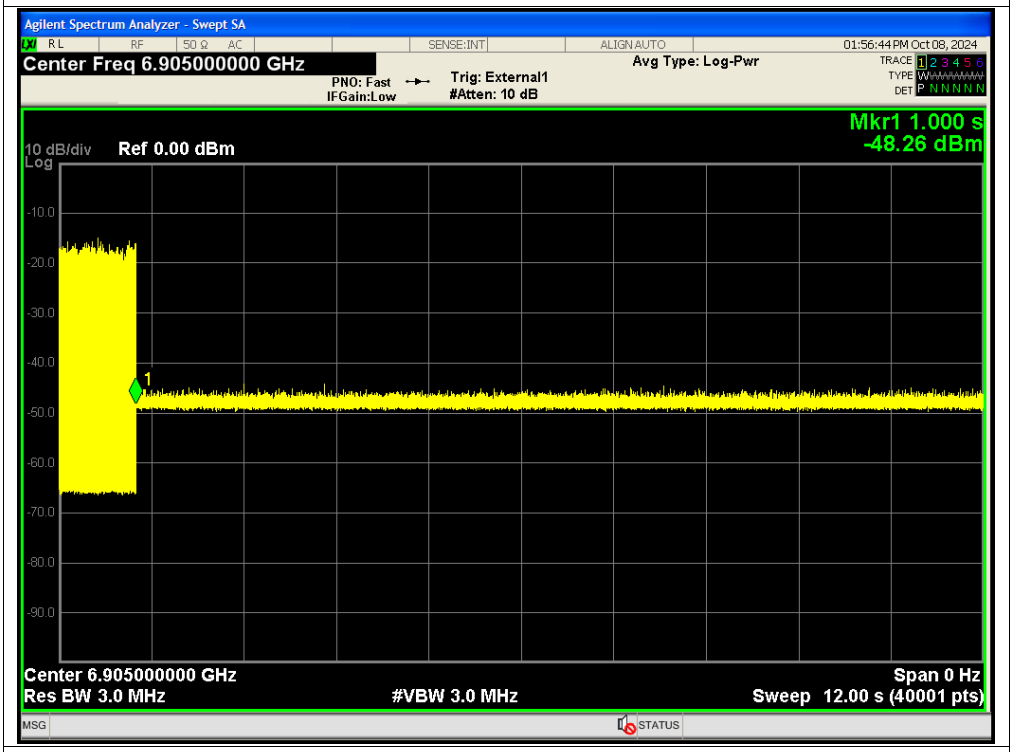
Contention Based Protocol NVNT be320 6905MHz Interfere 6905 MHz_8



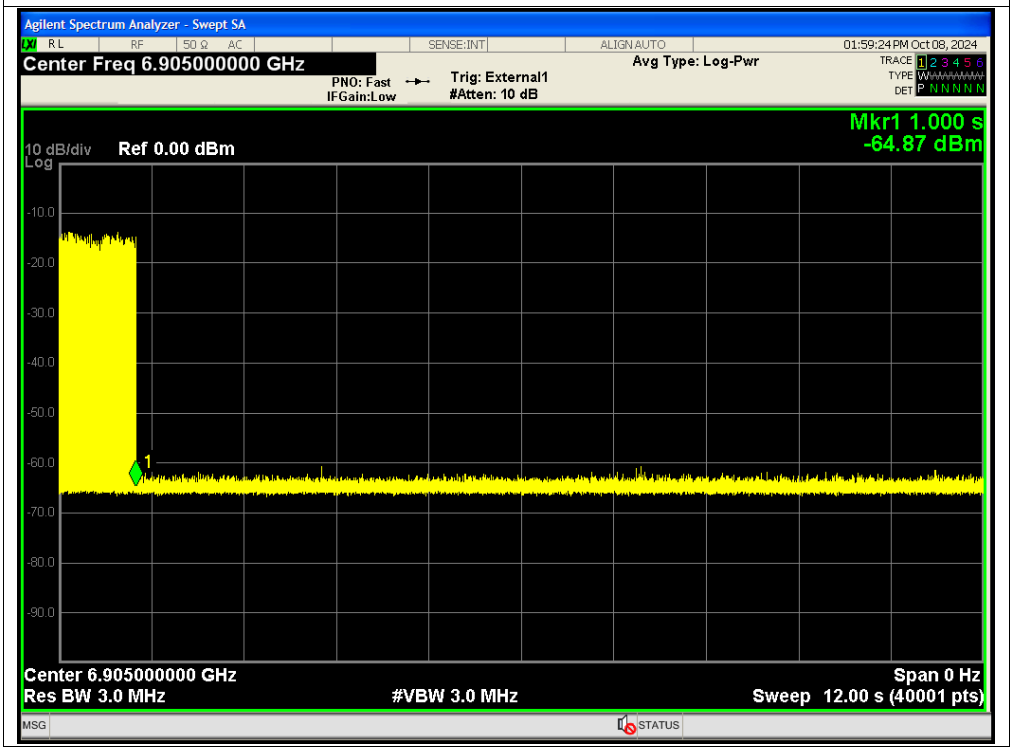
Contention Based Protocol NVNT be320 6905MHz Interfere 6905 MHz_9



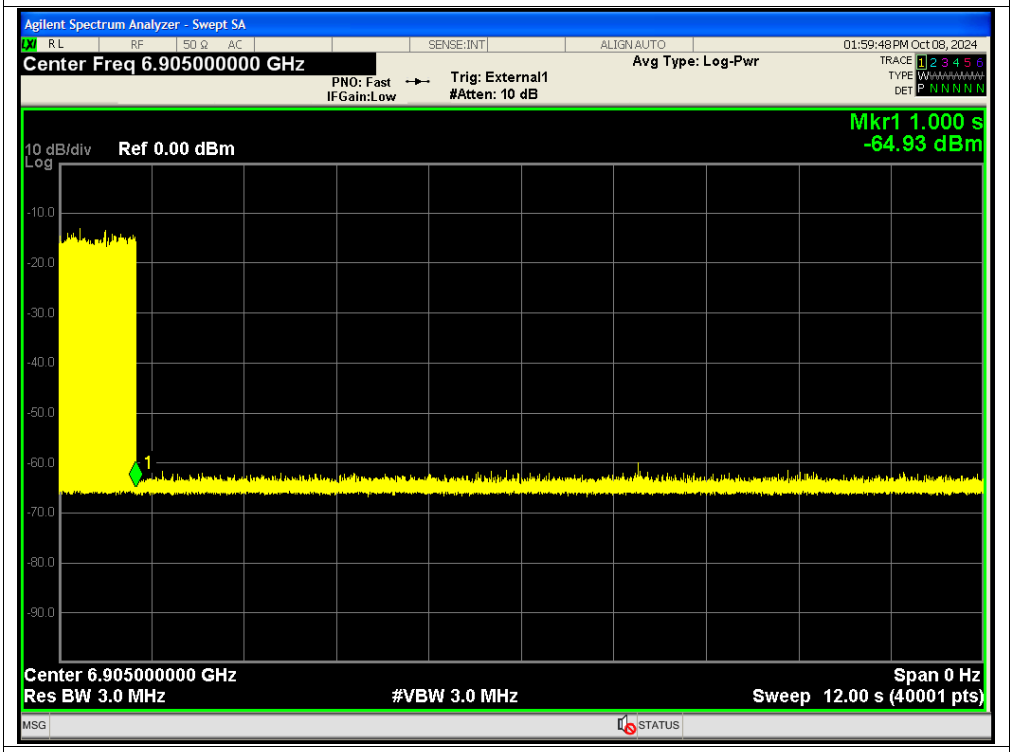
Contention Based Protocol NVNT be320 6905MHz Interfere 6905 MHz_10



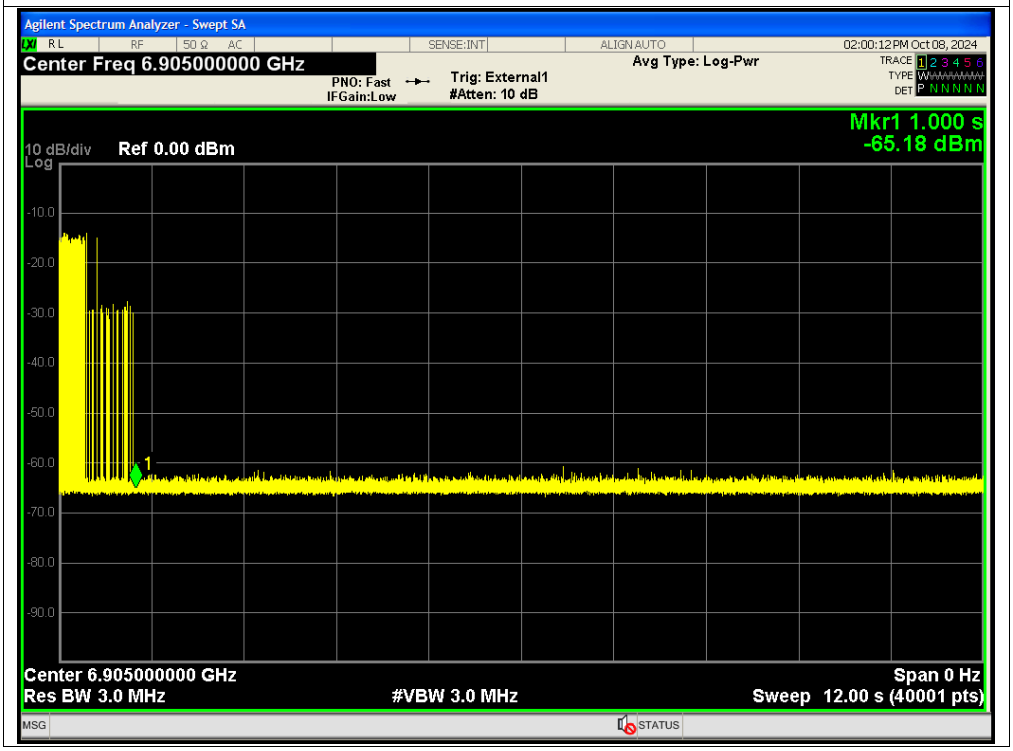
Contention Based Protocol NVNT be320 6905MHz Interfere 7060 MHz_1



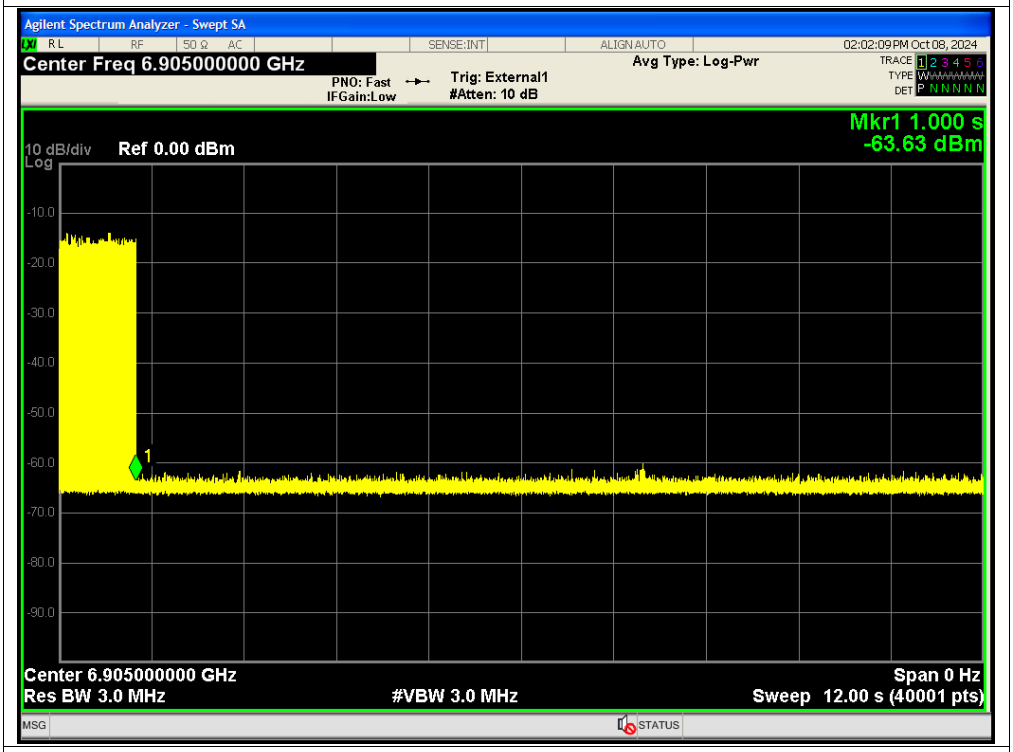
Contention Based Protocol NVNT be320 6905MHz Interfere 7060 MHz_2



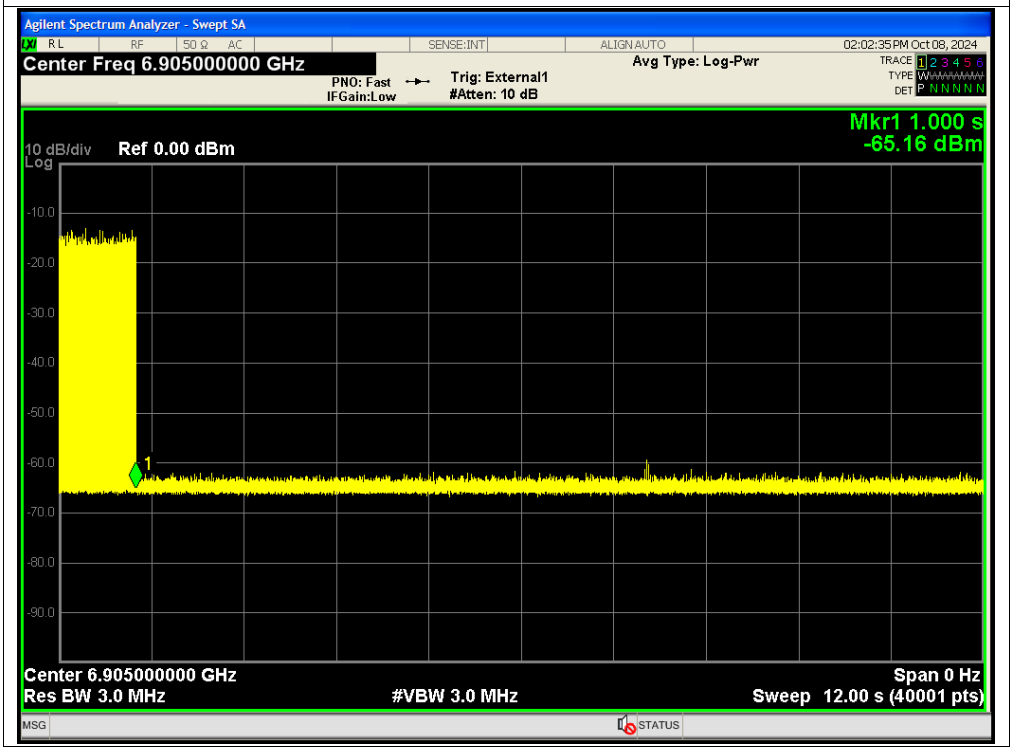
Contention Based Protocol NVNT be320 6905MHz Interfere 7060 MHz_3



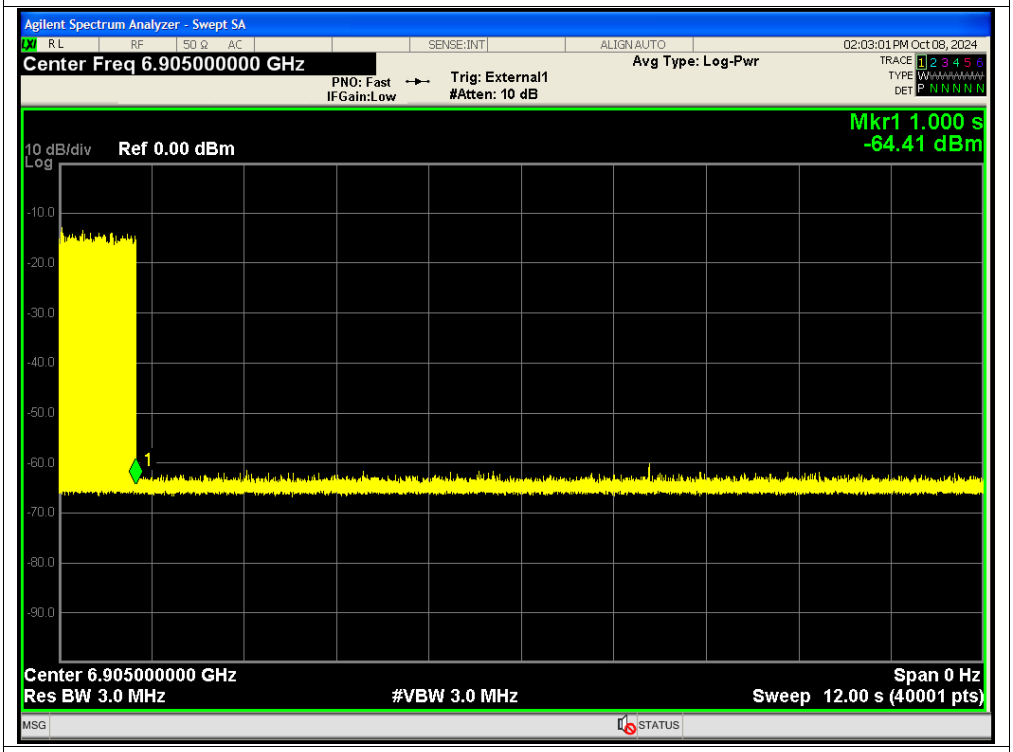
Contention Based Protocol NVNT be320 6905MHz Interfere 7060 MHz_4



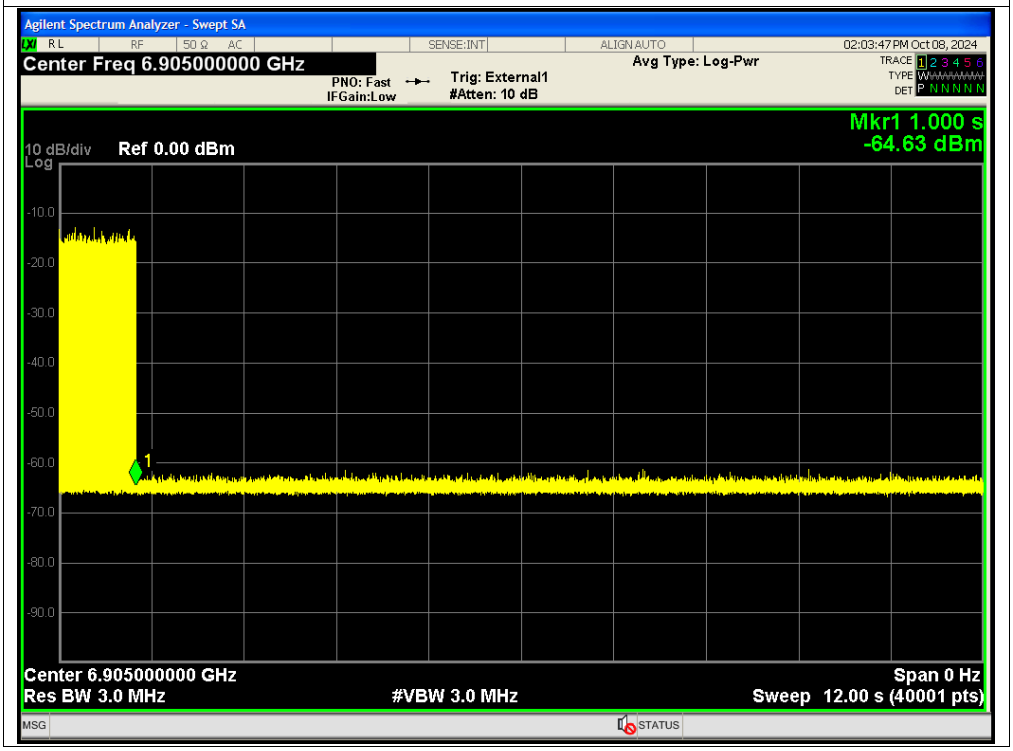
Contention Based Protocol NVNT be320 6905MHz Interfere 7060 MHz_5



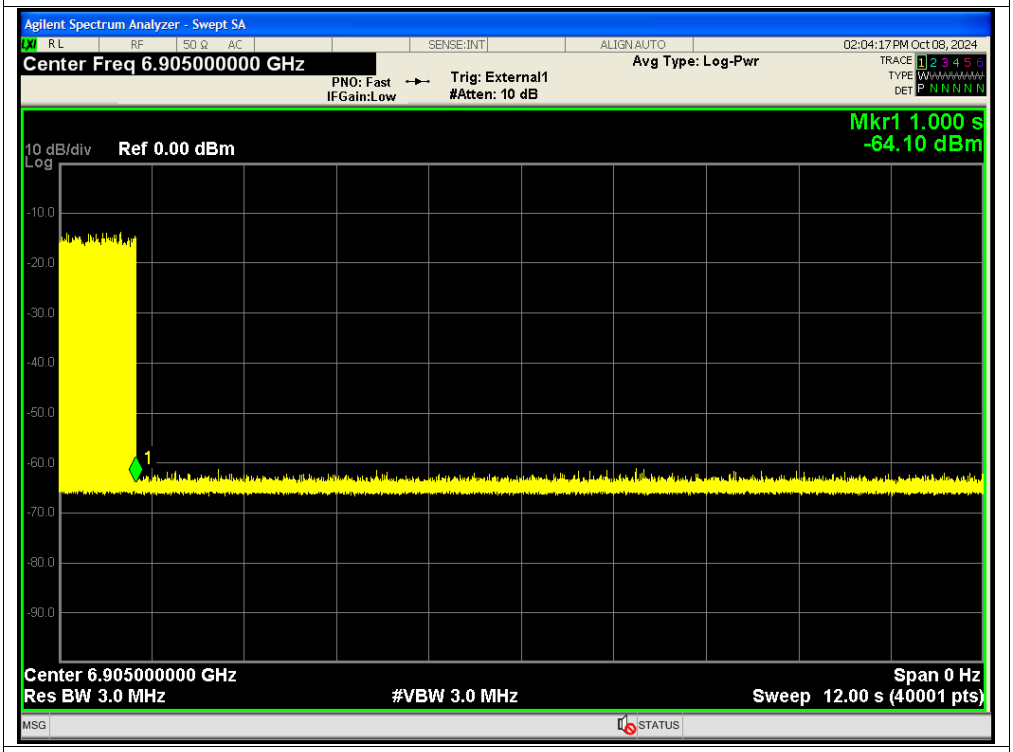
Contention Based Protocol NVNT be320 6905MHz Interfere 7060 MHz_6



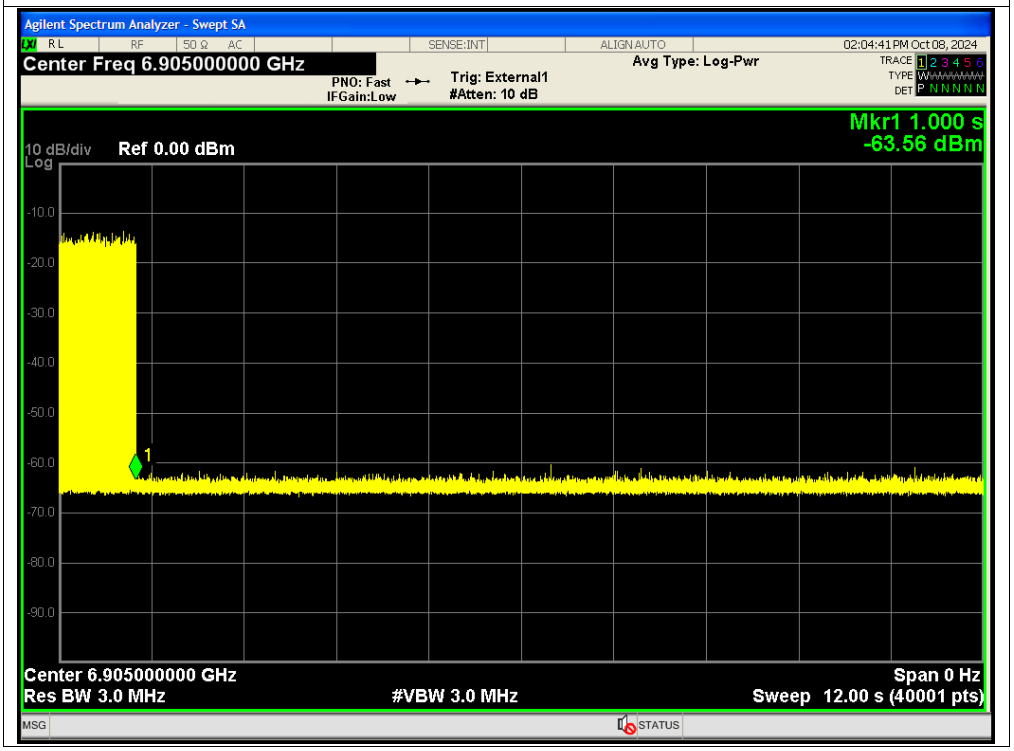
Contention Based Protocol NVNT be320 6905MHz Interfere 7060 MHz_7



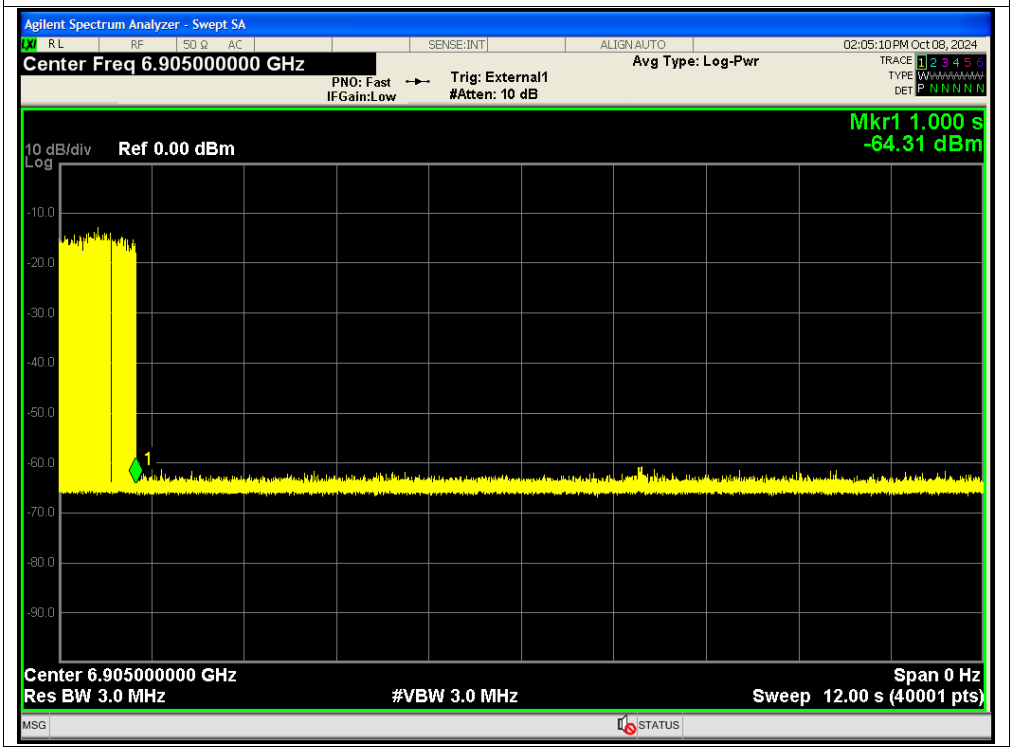
Contention Based Protocol NVNT be320 6905MHz Interfere 7060 MHz_8



Contention Based Protocol NVNT be320 6905MHz Interfere 7060 MHz_9



Contention Based Protocol NVNT be320 6905MHz Interfere 7060 MHz_10



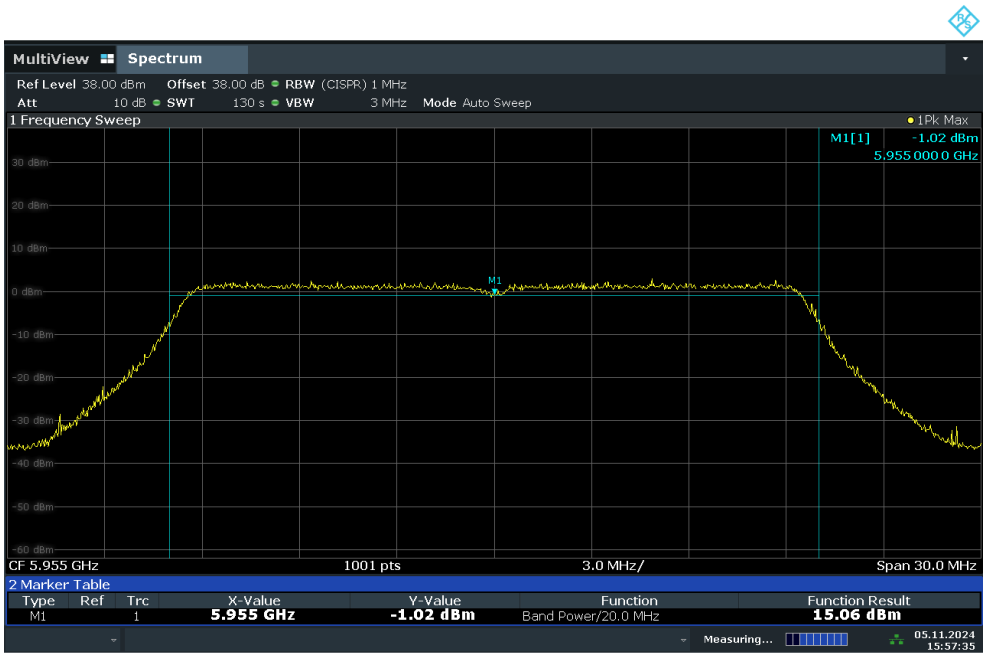
e. Detection Probability Summary

Condition	Mode	Frequency (MHz)	Antenna	AWGN Location	AWGN Frequency (MHz)	Test Number	Number Detected	Result (%)	Limit (%)	Verdict
NVNT	be20	5955	Ant12	Center	5955	10	10	100	90	Pass
NVNT	be20	6455	Ant12	Center	6455	10	10	100	90	Pass
NVNT	be20	6695	Ant12	Center	6695	10	9	90	90	Pass
NVNT	be20	6935	Ant12	Center	6935	10	10	100	90	Pass
NVNT	be320	6105	Ant12	Low	5950	10	10	100	90	Pass
NVNT	be320	6105	Ant12	Center	6105	10	9	90	90	Pass
NVNT	be320	6105	Ant12	High	6260	10	10	100	90	Pass
NVNT	be320	6745	Ant12	Low	6590	10	10	100	90	Pass
NVNT	be320	6745	Ant12	Center	6745	10	9	90	90	Pass
NVNT	be320	6745	Ant12	High	6900	10	9	90	90	Pass
NVNT	be320	6905	Ant12	Low	6750	10	10	100	90	Pass
NVNT	be320	6905	Ant12	Center	6905	10	9	90	90	Pass
NVNT	be320	6905	Ant12	High	7060	10	10	100	90	Pass

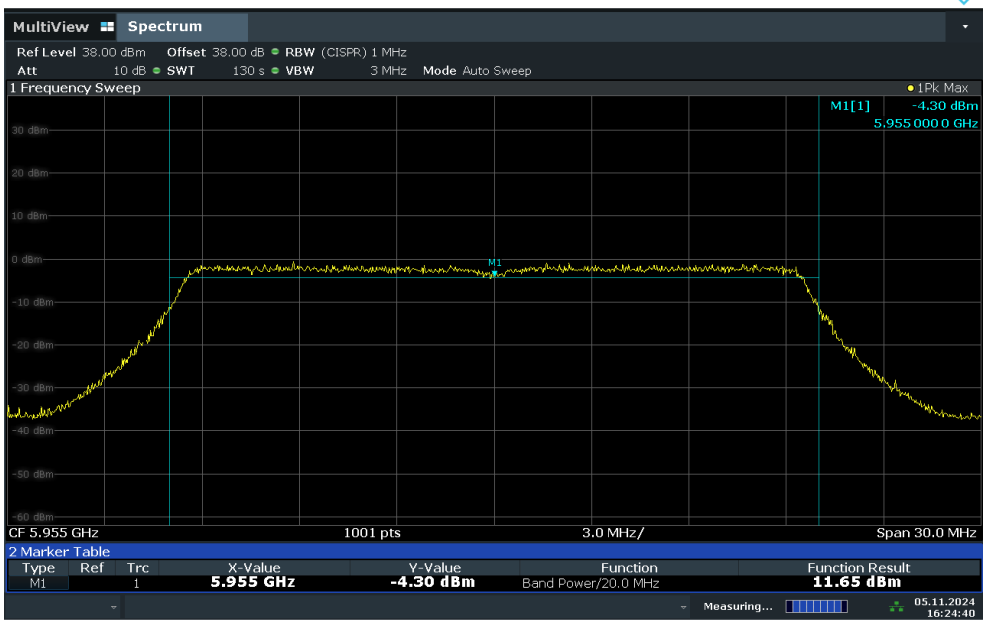
A.7. Dual Client Dest

Mode	Freq. (MHz)	Power of Client (dBm)		Limit (dBm)		Verdict
		Under control of 6SD	Under control of 6ID	Under control of 6SD	Under ontrol of 6ID	
ax20 SISO	5955	15.06	11.65	30	24	Pass

Power of Client under control of 6SD



Power of Client under control of 6ID

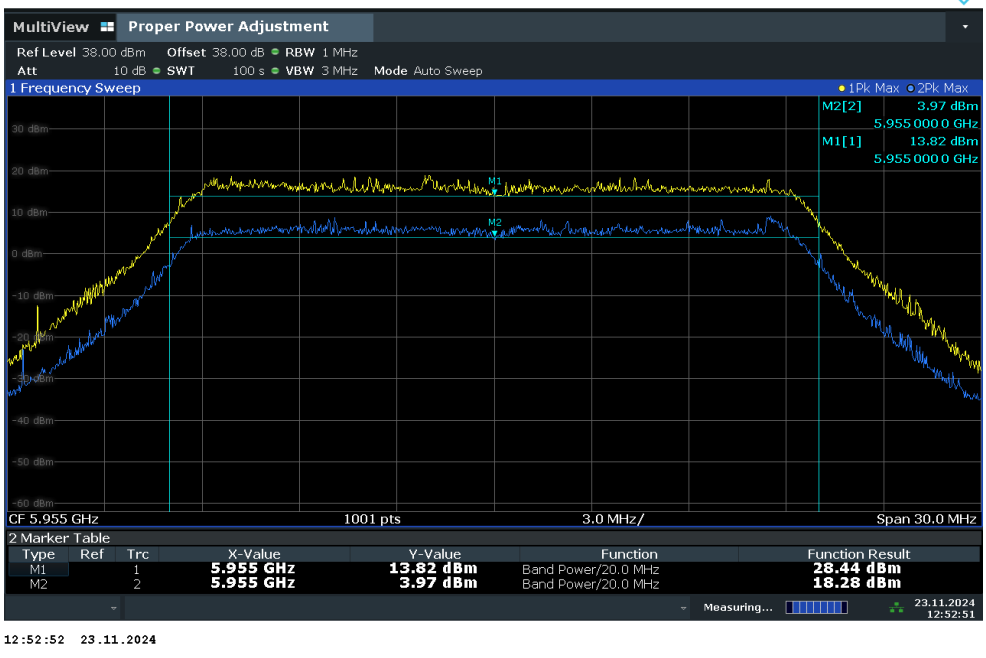


16:24:40 05.11.2024

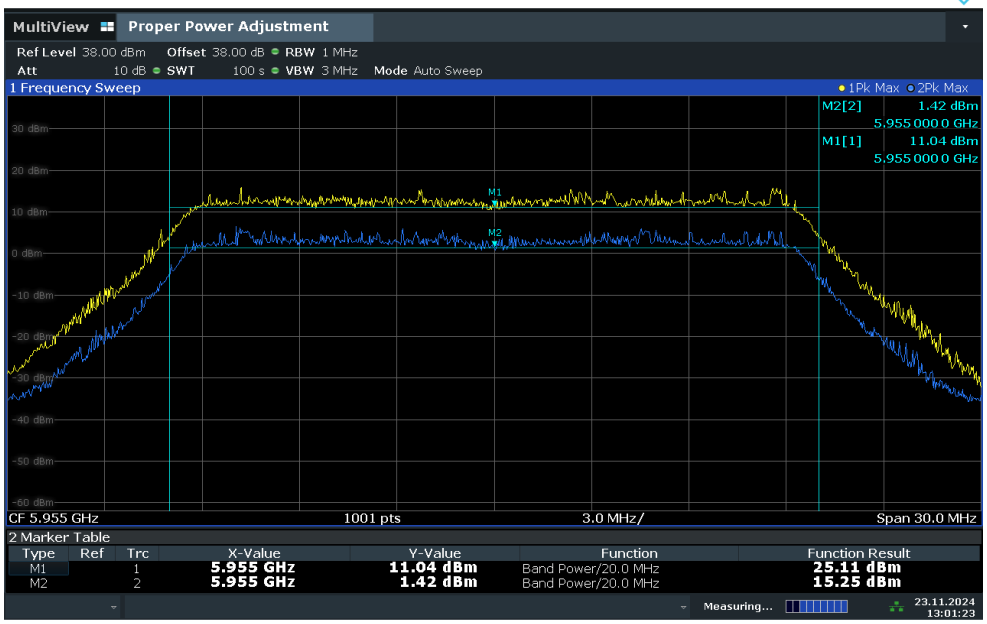
A.8. Proper Power Adjustment

Mode	Freq. (MHz)	Power Level Of AP	Conducted Power(dBm)		Conducted Power(dBm)		EIRP Differential (dB)	Limit (dB)	Verdict
			AP@ Trace 1	EUT @Trace 2	AP@ Trace 1	EUT @Trace 2			
ax20	5955	Maximum	28.44	18.28	30.24	13.28	16.96	≤-6	Pass
ax20	5955	Mid-Point	25.11	15.25	26.91	10.25	16.66	≤-6	Pass
ax20	5955	Lowest	14.18	4.11	15.98	-0.89	16.87	≤-6	Pass

Proper Power Adjustment @Maximum EIRP

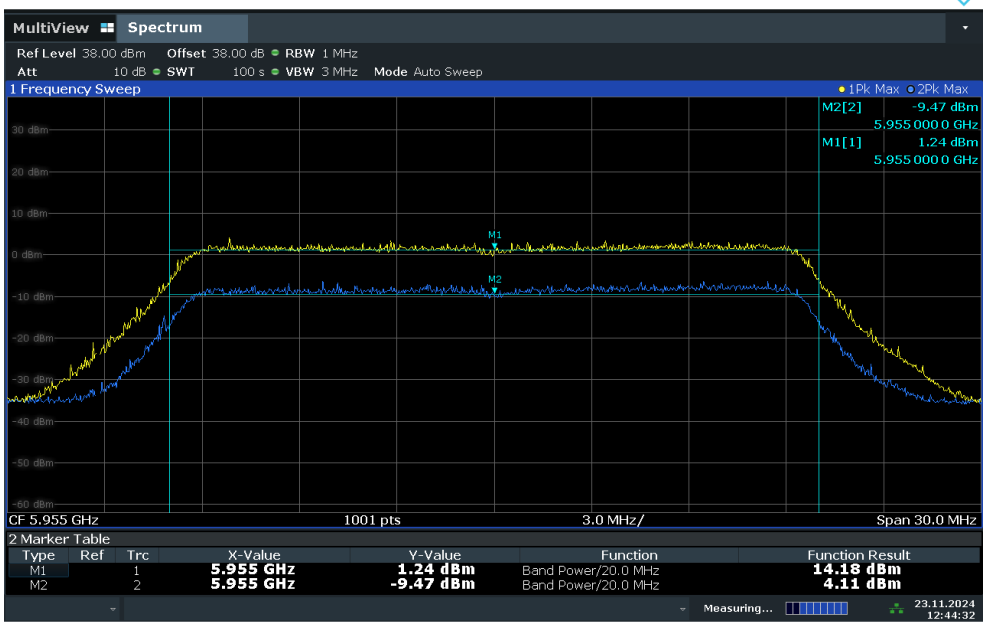


Proper Power Adjustment @Mid-point EIRP



13:01:23 23.11.2024

Proper Power Adjustment @Lowest EIRP



12:44:32 23.11.2024

A.9. Frequency Stability

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
20C 3.5V	Carrier	5955	Ant12	5954.988	-12000	-2.02	25	Pass
20C 3.93V	Carrier	5955	Ant12	5954.988	-12000	-2.02	25	Pass
20C 4.5V	Carrier	5955	Ant12	5954.988	-12000	-2.02	25	Pass
0C 3.93V	Carrier	5955	Ant12	5954.988	-12000	-2.02	25	Pass
10C 3.93V	Carrier	5955	Ant12	5954.988	-12000	-2.02	25	Pass
30C 3.93V	Carrier	5955	Ant12	5954.988	-12000	-2.02	25	Pass
35C 3.93V	Carrier	5955	Ant12	5954.988	-12000	-2.02	25	Pass
20C 3.5V	Carrier	6535	Ant12	6534.986	-14000	-2.14	25	Pass
20C 3.93V	Carrier	6535	Ant12	6534.986	-14000	-2.14	25	Pass
20C 4.5V	Carrier	6535	Ant12	6534.986	-14000	-2.14	25	Pass
0C 3.93V	Carrier	6535	Ant12	6534.986	-14000	-2.14	25	Pass
10C 3.93V	Carrier	6535	Ant12	6534.986	-14000	-2.14	25	Pass
30C 3.93V	Carrier	6535	Ant12	6534.986	-14000	-2.14	25	Pass
35C 3.93V	Carrier	6535	Ant12	6534.986	-14000	-2.14	25	Pass
20C 3.5V	Carrier	6435	Ant12	6434.984	-16000	-2.49	25	Pass
20C 3.93V	Carrier	6435	Ant12	6434.984	-16000	-2.49	25	Pass
20C 4.5V	Carrier	6435	Ant12	6434.984	-16000	-2.49	25	Pass
0C 3.93V	Carrier	6435	Ant12	6434.984	-16000	-2.49	25	Pass
10C 3.93V	Carrier	6435	Ant12	6434.984	-16000	-2.49	25	Pass
30C 3.93V	Carrier	6435	Ant12	6434.984	-16000	-2.49	25	Pass
35C 3.93V	Carrier	6435	Ant12	6434.984	-16000	-2.49	25	Pass
20C 3.5V	Carrier	6875	Ant12	6874.984	-16000	-2.33	25	Pass
20C 3.93V	Carrier	6875	Ant12	6874.983	-17000	-2.47	25	Pass
20C 4.5V	Carrier	6875	Ant12	6874.984	-16000	-2.33	25	Pass
0C 3.93V	Carrier	6875	Ant12	6874.984	-16000	-2.33	25	Pass
10C 3.93V	Carrier	6875	Ant12	6874.983	-17000	-2.47	25	Pass
30C 3.93V	Carrier	6875	Ant12	6874.983	-17000	-2.47	25	Pass
35C 3.93V	Carrier	6875	Ant12	6874.983	-17000	-2.47	25	Pass

A.10. Conducted Emission

The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. Set RBW=9kHz, VBW=30kHz. Refer to recorded points and plots below.

Note: Both of the test voltage AC 120V/60Hz and AC 230V/50Hz were considered and tested respectively, only the results of the worst case AC 120V/60Hz were recorded in this report.

A. Test Setup:

Test Mode: EUT + Adapter + Data line + WIFI TX

Test voltage: AC 120V/60Hz

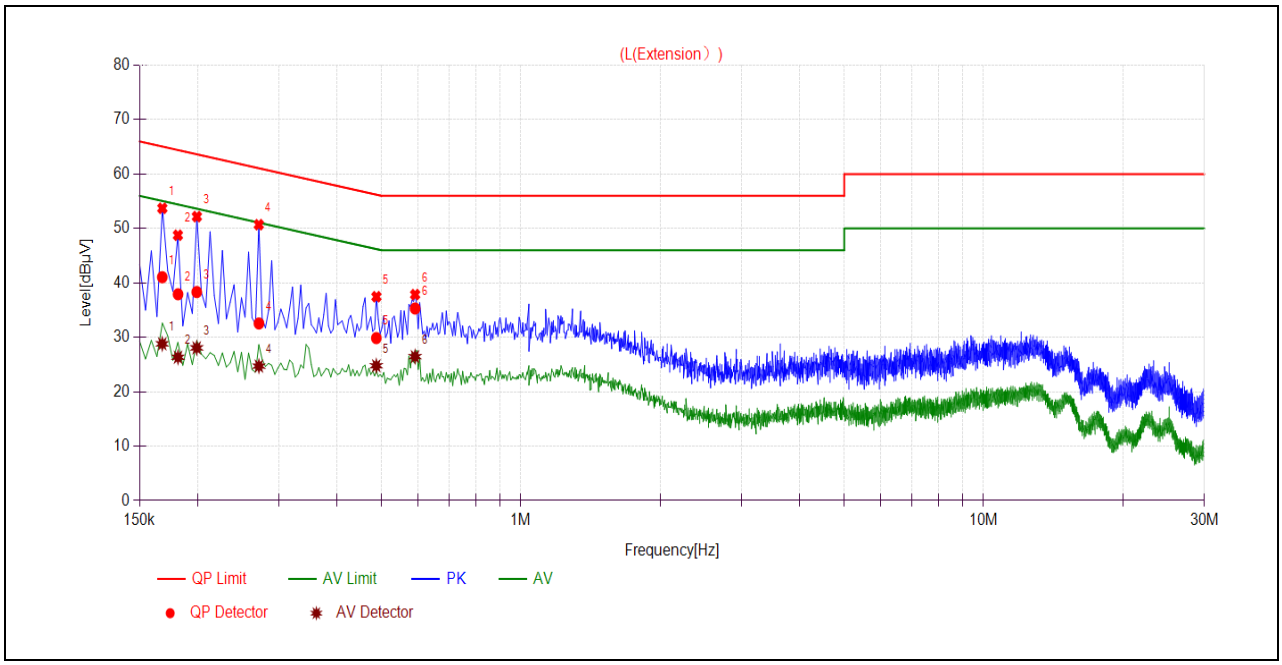
The measurement results are obtained as below:

$E\ [dB\mu V] = U_R + L_{Cable\ loss}\ [dB] + A_{Factor}$

U_R: Receiver Reading

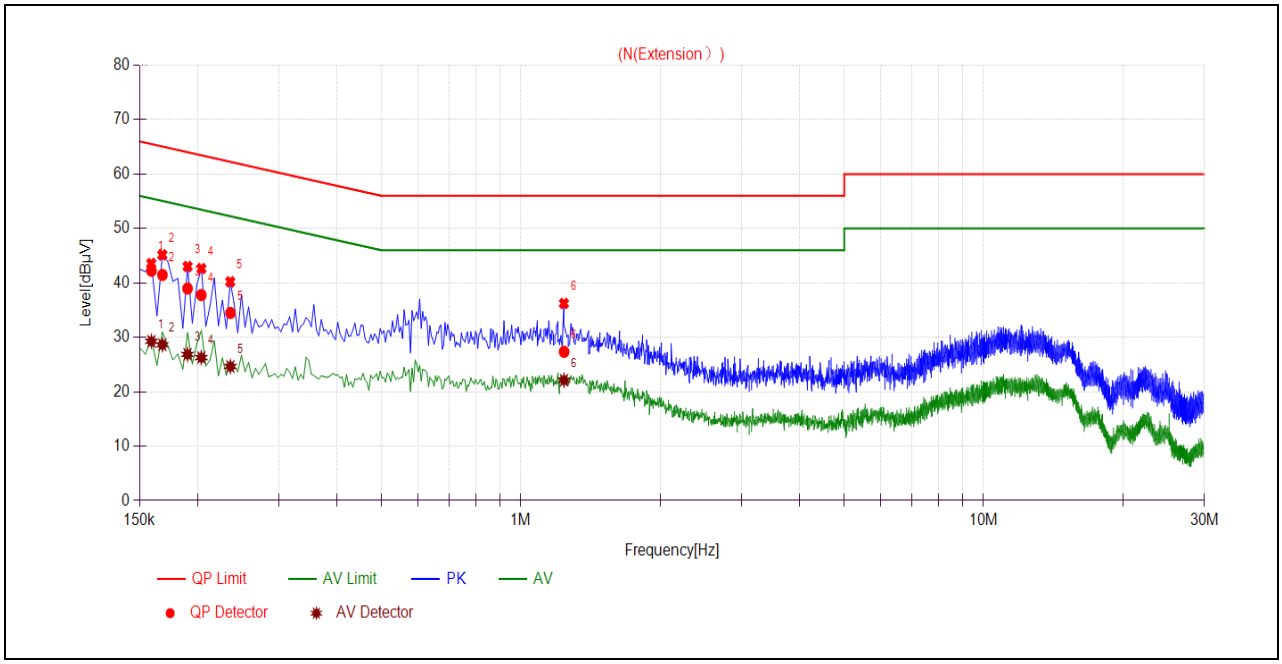
A_{Factor}: Voltage division factor of LISN

B. Test Plot:



(L Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1679	41.05	28.80	65.06	55.06	Line	PASS
2	0.1816	37.92	26.34	64.41	54.41		PASS
3	0.1993	38.33	28.06	63.64	53.64		PASS
4	0.2716	32.55	24.71	61.07	51.07		PASS
5	0.4871	29.86	24.77	56.22	46.22		PASS
6	0.5907	35.30	26.45	56.00	46.00		PASS



(N Phase)

No.	Fre. (MHz)	Emission Level (dBμV)		Limit (dBμV)		Power-line	Verdict
		Quai-peak	Average	Quai-peak	Average		
1	0.1591	42.23	29.27	65.51	55.51	Neutral	PASS
2	0.1680	41.46	28.64	65.06	55.06		PASS
3	0.1904	38.97	26.87	64.02	54.02		PASS
4	0.2039	37.78	26.29	63.45	53.45		PASS
5	0.2357	34.48	24.64	62.25	52.25		PASS
6	1.2399	27.35	22.11	56.00	46.00		PASS